

ALASKA PENINSULA MANAGEMENT AREA  
SALMON ESCAPEMENT AND CATCH SAMPLING RESULTS, 1996

By

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## INTRODUCTION

The Alaska Peninsula Management Area is made up of the South Alaska Peninsula including coastal waters west of Kupreanof Point to Scotch Cap on Unimak Island and the North Alaska Peninsula extending from Cape Menshikof west to Cape Sarichef (Figures 1-9).

About 247 salmon streams are located throughout the Alaska Peninsula Management Area (Murphy 1992). The South Peninsula has 185 salmon systems and the North Peninsula 62 systems. These systems combined support five salmon species: chinook *Oncorhynchus tshawytscha*, sockeye *O. nerka*, coho *O. kisutch*, pink *O. gorbuscha*, and chum *O. keta* salmon.

Salmon escapement is enumerated at seven weirs located at Thin Point Cove, Middle Lagoon, and Orzinski River in the South Peninsula, and Nelson, Bear, Sandy, and Ilnik Rivers in the North Peninsula (Figures 2 and 3; McCullough 1997). Remaining streams are monitored by aerial and foot surveys.

The Alaska Peninsula Management Area (PMA) is made up of 4 fishing districts in the South Peninsula, and 2 in the North Peninsula (Figures 4-9). Five salmon species are commercially harvested in the PMA of both local and non local origin (McCullough et al. 1994a; McCullough et al. 1994b; Murphy et al. 1994).

Annually, salmon escapements and catches are sampled for biological characteristics (age, length, and sex) to form baseline data. The current emphasis of escapement sampling is on sockeye, while catch sampling focuses primarily on sockeye and chum salmon. Chinook and coho commercial catches are sampled at a reduced level. Sockeye smolt (age, weight, and length) samples are collected weekly at Bear and Sandy Rivers to be used as indices of smolt condition, and age composition.

This report summarizes the results of the 1996 Alaska Peninsula Management Area escapement and catch sampling program. The purpose of this report is to serve as a compilation of data therefore interpretation and discussion of data are limited.

## METHODS

### *Escapement and Catch Estimates*

Alaska Peninsula sockeye salmon escapement estimates for 1996 were based primarily on weir counts with the addition of post season estimates at Orzinski, Nelson, Bear, Sandy, Ilnik Rivers, and Middle Lagoon. Thin Point Cove sockeye escapements were determined from a combination of weir counts and aerial surveys. Daily weir counts were obtained from the Alaska Department of Fish and Game (ADF&G), Commercial Fisheries Management and Development Division (CFMDD) escapement database on 7 August 1997.

Salmon catch numbers by area and species were generated from the ADF&G, CFMDD catch database reflecting individual sales receipts (fish tickets). This database was edited by ADF&G area management personnel prior to summaries being generated on 20 June 1997.

### *Escapement and Catch Sampling*

Sockeye salmon escapements were sampled for age (scales), length, and sex at Orzinski River, Middle Lagoon, Nelson, Bear, Sandy, and Ilnik River weirs with a targeted weekly sample size of 240 fish per system (Thompson 1987). Sampling weeks and associated calendar dates are presented in Table 1.

Commercial catches were sampled weekly ( $n=600$ ) for age during commercial fisheries. The 1996 chinook, sockeye, coho and chum commercial catch sampling schedules including areas, targeted sample sizes, and frequencies are presented in Tables 2-5. A detailed description of the Alaska Peninsula escapement and catch sampling program can be found in Murphy (1996).

Scales were collected from the preferred area following procedures outlined in INPFC (1963) and mounted on gum cards. Impressions were made on cellulose acetate (Clutter and Whitesel 1956) and fish ages were classified by examining scales for annual growth using a microfiche reader (48x) following criteria established by Mosher (1968). Ages were recorded on sampling forms using European notation (Koo 1962). Length measurements were taken from mid-eye to fork-of-tail in mm; sex was determined from external morphological characteristics. All data were recorded on standard data forms.

Age composition estimates from escapements and catches were interpolated daily between sampling events and summarized weekly when targeted sampling goals were achieved. When limited samples were obtained, the age composition estimates reflect the sampling period only. Length composition data is summarized by age and sex representing the fish sampled. Descriptions of component programs used to compute age, length, and sex composition summaries can be found in Blackburn (1993).

Sockeye smolt sampling for age (scales), length, and weight was attempted weekly ( $n=200$ ) at Bear and Sandy River weirs. Scales were taken from the preferred area (INPFC 1963) and mounted on a standard microscope slide. Age determination followed Mosher (1968). Length measurements (tip-of-snout to fork-of-tail) were recorded in mm and weights were taken to the nearest 0.1 gram. Age compositions were summarized by area and week. Mean length, weight, and condition factor were calculated for each system by age and week (Swanton et al. 1995). No attempt was made to measure smolt abundance.

Bear River late run reconstruction was accomplished by combining Bear River late run (post 31 July) escapement estimates and catches from Harbor Point to Stroganof Point (post 31 July) by year and age class (Murphy 1995). Estimates by age class were assigned to the parent year (brood year) escapement and return-per-spawner estimates were calculated by dividing total return by its respective parent year escapement.

## RESULTS

A total of 794,054 sockeye salmon were estimated as escapement through weirs in the Alaska Peninsula Management Area during 1996 (Table 6). Overall, 7,043 sockeye were sampled for age, length, and sex determination. In its entirety, the escapement was predominantly classified as age 2.2 fish, however primary age classes varied by system (Tables 7-25). Over 60% of the Orzinski sockeye escapement were classified as age 1.2 followed by 11% age 1.3 fish. These age classes (1.2 and 1.3) combined composed 72% of the sockeye escapement at Middle Lagoon. The dominant age class at both Nelson and Bear Rivers was age 2.2 while 52% of the Sandy River escapement was classified as age 1.2 and a substantial component (67.6%) of the Ilnik sockeye escapement was designated as age 0.3. Lengths ranged from 270-660 mm and the male to female ratios ranged from 0.89:1 to 2.7:1 with a notably higher percentage of males in the Nelson and Sandy River escapement.

Weekly sockeye smolt samples ( $n=603$ ) collected at Bear River indicated that 91.8% of the outmigrating sockeye smolt sampled during 1996 were age 2. Although target sample sizes were not achieved at Sandy River, a total of 231 smolt were sampled resulting in 84% age 0. smolt followed by 16% classified as age 1. (Tables 26-29).

The 1996 commercial harvest for the Alaska Peninsula Management Area totaled 6,974,137 fish consisting of 10,025 chinook, 3,439,893 sockeye, 438,032 coho, 2,242,355 pink, and 843,832 chum salmon (Table 30). A total of 59,041 salmon were sampled for age determination from a variety of catch areas throughout the Alaska Peninsula.

A total of 1,091 chinook scales were collected from Nelson Lagoon and Harbor Point to Cape Seniavin commercial catches. Sampled chinook catches were dominated by age 1.3 and 1.4 fish compared to 1995 catches where the primary age classes were composed of age 1.2 and 1.4 fish (Tables 31-33; Nelson and Murphy 1996).

Sockeye scale samples were collected from 13 different catch areas throughout the South and North Peninsula. A total of 27,764 scales were obtained area wide representing a combined harvest of about 2.9 million fish. Primary age classes varied by catch area but the overall catch was composed of predominantly age 1.2, 1.3, 2.2, and 2.3 fish (Tables 34-51).

Coho samples were collected from Shumagin Islands Section and Ikatan Peninsula to Cape Lazaref in the South Peninsula and Nelson Lagoon and Harbor Point to Stroganof Point in the North Peninsula (Tables 52-56). A total of 3,712 scales were obtained and the dominant age classes of the monitored catches were age 1.1 and 2.1. This was similar to 1995 where the same primary age classes were represented (Nelson and Murphy 1996).

A total of 670,317 chum salmon were classified by age based on 15,803 fish sampled from 9 commercial catch areas. The primary age classes were 0.3 (58.6%) and 0.4 (36.5; Tables 57-70). This also was indicative of the dominant age classes which were represented in 1995 (Nelson and Murphy 1996).

The 1996 estimated late sockeye salmon run to Bear River was 518,715 with age 2.2 and 2.3 fish accounting for approximately 86% of the run (Table 71). The 1980-1989 late run escapements to Bear River have produced an estimated average return of 662,581 fish (range: 282,285 - 1,185,959; Table 72). The average return-per-spawner (R/S) for this time period is estimated to be 5.0, while the recent fully recruited 5 year (1985-1989) average R/S estimate is 7.5 with an average return estimate of 931,636 fish.

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Table 1. Sampling weeks and corresponding calendar dates, 1996.

Week	Calendar Dates		Week	Calendar Dates			
1	1-Jan	-	3-Jan	28	5-Jul	-	11-Jul
2	4-Jan	-	10-Jan	29	12-Jul	-	18-Jul
3	11-Jan	-	17-Jan	30	19-Jul	-	25-Jul
4	18-Jan	-	24-Jan	31	26-Jul	-	1-Aug
5	25-Jan	-	31-Jan	32	2-Aug	-	8-Aug
6	1-Feb	-	7-Feb	33	9-Aug	-	15-Aug
7	8-Feb	-	14-Feb	34	16-Aug	-	22-Aug
8	15-Feb	-	21-Feb	35	23-Aug	-	29-Aug
9	22-Feb	-	28-Feb	36	30-Aug	-	5-Sep
10	1-Mar	-	7-Mar	37	6-Sep	-	12-Sep
11	8-Mar	-	14-Mar	38	13-Sep	-	19-Sep
12	15-Mar	-	21-Mar	39	20-Sep	-	26-Sep
13	22-Mar	-	28-Mar	40	27-Sep	-	3-Oct
14	29-Mar	-	4-Apr	41	4-Oct	-	10-Oct
15	5-Apr	-	11-Apr	42	11-Oct	-	17-Oct
16	12-Apr	-	18-Apr	43	18-Oct	-	24-Oct
17	19-Apr	-	25-Apr	44	25-Oct	-	31-Oct
18	26-Apr	-	2-May	45	1-Nov	-	7-Nov
19	3-May	-	9-May	46	8-Nov	-	14-Nov
20	10-May	-	16-May	47	15-Nov	-	21-Nov
21	17-May	-	23-May	48	22-Nov	-	28-Nov
22	24-May	-	30-May	49	29-Nov	-	5-Dec
23	31-May	-	6-Jun	50	6-Dec	-	12-Dec
24	7-Jun	-	13-Jun	51	13-Dec	-	19-Dec
25	14-Jun	-	20-Jun	52	20-Dec	-	26-Dec
26	21-Jun	-	27-Jun	53	27-Dec	-	31-Dec
27	28-Jun	-	4-Jul				

Table 2. Chinook salmon catch sampling schedule for the Alaska Peninsula Management Area, 1996.

Crew Location	District/Section	SAMPLING AREA		Statistical Area(s)	SAMPLE		
		Geographic Area			Freq.	Size	Data
Port Moller	Northern District:						
	Nelson Lagoon Section	Nelson Lagoon		313-30	Weekly	300	Scales
	Port Moller Bight and Bear River Sections (prior to July 25)	Harbor Point to Cape Seniavin		314-12, 315-11, 20	Weekly	300	Scales
	Port Moller Bight, Bear River, Three Hills, Ilinik Sections (post June 24)	Harbor Point to Strogenof Point		314-12, 315-11, 20 316-10, 20, 22, 25	Weekly	300	Scales

Table 3. Sockeye salmon catch sampling schedule for the Alaska Peninsula Management Area, 1996.

Crew Location	District/Section	SAMPLING AREA		Statistical Area(s)	SAMPLE		
		Geographic Area			Freq.	Size	Data
Port Moller	Northern District:						
	Nelson Lagoon Section	Nelson Lagoon		313-30	Weekly	600	Scales
	Port Moller Bight and Bear River Sections (prior to June 25)	Harbor Point to Cape Seniavin		314-12, 315-11, 20	Weekly	600	Scales
	Port Moller Bight, Bear River, Three Hills, and Ilnik Sections (post June 24)	Harbor Point to Strogonof Point		314-12, 315-11, 20 316-10, 20, 22, 25	Weekly	1,200	Scales
	Ilnik Section (Lagoon)	Ilnik Lagoon		316-22	Weekly	600	Scales
	Outer Port Heiden Section	Outer Port Heiden		317-10	Weekly	600	Scales
	Inner Port Heiden Section	Inner Port Heiden		317-20	Weekly	600	Scales
King Cove	Northwestern District:						
	Southeastern District:	Urilia Bay		311-32	Weekly	600	Scales
	Southeast District Mainland	Beaver and Balboa Bays, Stepovak		281-90, 80, 30	Weekly	600	Scales
	Shumagin Is. Section	Shumagin Islands		282's, see Table 1	Weekly	600	Scales
	South Central District:	Long Beach Cape Tolstoi Canoe Bay Pavlof Bay		283-26 283-21 283-24 283-21, 23, 25, 26	Weekly Weekly Weekly Weekly	600 600 600 600	Scales Scales Scales Scales
	Southwestern District:						
	Thin Point Section	Thin Point Lagoon		284-75	Weekly	600	Scales
		Morzhovoi Bay		284-80	Weekly	600	Scales
	Unimak District:	Cape Lutke		285-40	Weekly	600	Scales
		Ikatan Peninsula to C. Lazareff		284-90, 285-20, 30	Weekly	600	Scales
	Unalaska District	Aleutian Islands Management Area		302-	Weekly	600	Scales

Table 4. Coho salmon catch sampling schedule for the Alaska Peninsula Management Area, 1996.

Crew Location	District/Section	SAMPLING AREA		Statistical Area(s)	SAMPLE		
		Geographic Area			Freq.	Size	Data
Port Moller	Northern District:						
	Nelson Lagoon Section	Nelson Lagoon		313-30	Weekly	300	Scales
	Port Moller Bight, Bear River, Three Hills, and Ilnik Sections	Harbor Point to Stroganof Point		314-12, 315-11, 20 316-10, 20, 22, 25	Weekly	300	Scales
King Cove	Northwestern District:						
	Izembek-Moffet Bay Section	Izembek-Moffet Bay		312-10, 20, 40	Weekly	300	Scales
		Swanson Lagoon		311-52	Weekly	300	Scales
	Southeastern District:						
	Southeast District Mainland	Beaver and Balboa Bays, Stepovak		281-90, 80, 70	Weekly	300	Scales
	Shumagin Is. Section	Shumagin Islands		282-10, 11, 20, 25, 30, 35, 40, 42	Weekly	300	Scales
	South Central District:	Coal Bay Canoe Bay Pavlof Bay		283-17 283-24 283-21, 23, 25, 26	Weekly Weekly Weekly	300 300 300	Scales Scales Scales
	Southwestern District:	Volcano Bay Belkofski Bay Cold Bay Morzhovoi Bay		284-36 284-42 284-62, 65, 67 284-80	Weekly Weekly Weekly Weekly	300 300 300 300	Scales Scales Scales Scales
	Unimak District:	Cape Lutke		285-40	Weekly	300	Scales
		Ikatan Peninsula to C. Lazareff		284-90, 285-20, 30	Weekly	300	Scales

Table 5. Chum salmon catch sampling schedule for the Alaska Peninsula Management Area, 1996.

Crew Location	District/Section	SAMPLING AREA		Statistical Area(s)	Freq.	SAMPLE	
		Geographic Area				Size	Data
Port Moller	Northern District:						
	Nelson Lagoon Section	Nelson Lagoon		313-30	Weekly	440	Scales
	Moller/Herendeen Bay Section	Herendeen Bay		314-20	Weekly	440	Scales
	Port Moller Bight and Bear River Sections (prior to June 25)	Harbor Point to Cape Seniavin		314-12, 315-11, 20	Weekly	440	Scales
	Port Moller Bight, Bear River, Three Hills, and Ilnik Sections (post June 24)	Harbor Point to Strogonof Point		314-12, 315-11, 20 316-10, 20, 22, 25	Weekly	440	Scales
King Cove	Northwestern District:						
	Izembek-Moffet Bay Section	Izembek-Moffet Bay		312-10, 20, 40	Weekly	440	Scales
		Swanson Lagoon		311-52	Weekly	440	Scales
	Southeastern District:						
	Southeast District Mainland	Beaver and Balboa Bays, Stepovak		281-90, 80, 70	Weekly	440	Scales
	Shumagin Is. Section	Shumagin Islands		282-10, 11, 20, 25, 30, 35, 40, 42	Weekly	440	Scales
	South Central District:						
	Coal Bay	283-17			Weekly	440	Scales
	Canoe Bay	283-24			Weekly	440	Scales
	Pavlof Bay	283-21, 23, 25, 26			Weekly	440	Scales
King Cove	Southwestern District:						
	Volcano Bay	284-36			Weekly	440	Scales
	Belkofski Bay	284-42			Weekly	440	Scales
	Cold Bay	284-62, 65, 67			Weekly	440	Scales
	Morzhovoi Bay	284-80			Weekly	440	Scales
King Cove	Unimak District:						
	Cape Lutke	285-40			Weekly	440	Scales
	Ikatan Peninsula to C. Lazareff	284-90, 285-20, 30			Weekly	440	Scales

Table 6. Daily and cumulative sockeye salmon escapement by system, Alaska Peninsula Management Area, 1996.

Date	System (weir)												Total daily	Total cum			
	Orzinski		Middle Lagoon		Thin Point		Nelson		Bear		Sandy		Ililik				
	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum			
12	2-Jun								9	9			8	8	17	17	
	3-Jun								1	10			385	393	386	403	
	4-Jun								0	10			458	851	458	861	
	5-Jun								21	31			441	1,292	462	1,323	
	6-Jun								28	59	13	13	942	2,234	983	2,306	
	7-Jun								0	59	1	14	1,117	3,351	1,118	3,424	
	8-Jun								0	59	1	15	167	3,518	168	3,592	
	9-Jun								7	66	0	15	678	4,196	685	4,277	
	10-Jun								8	74	6	21	316	4,512	330	4,607	
	11-Jun								0	74	10	31	1,432	5,944	1,442	6,049	
	12-Jun	3	3						222	296	75	106	841	6,785	1,141	7,190	
	13-Jun	0	3					2	2	402	698	146	252	1,422	8,207	1,972	9,162
	14-Jun	1	4					8	10	1,451	2,149	283	535	1,408	9,615	3,151	12,313
	15-Jun	8	12					105	115	2,001	4,150	514	1,049	3,280	12,895	5,908	18,221
	16-Jun	0	12					342	457	2,613	6,763	0	1,049	74	12,969	3,029	21,250
	17-Jun	0	12					5,540	5,997	25	6,788	570	1,619	2,098	15,067	8,233	29,483
	18-Jun	0	12					3,044	9,041	503	7,291	446	2,065	366	15,433	4,359	33,842
	19-Jun	0	12					2,489	11,530	5,443	12,734	1,349	3,414	2,110	17,543	11,391	45,233
	20-Jun	2	14					1,188	12,718	949	13,683	1,232	4,646	1,161	18,704	4,532	49,765
	21-Jun	3	17					1,767	14,485	4,172	17,855	678	5,324	1,314	20,018	7,934	57,699
	22-Jun	0	17					1,843	16,328	5,303	23,158	1,949	7,273	2,178	22,196	11,273	68,972
	23-Jun	20	37					5,767	22,095	5,363	28,521	2,209	9,482	2,237	24,433	15,596	84,568
	24-Jun	0	37					11,021	33,116	363	28,884	2,469	11,951	2,559	26,992	16,412	100,980
	25-Jun	131	168					5,304	38,420	2,602	31,486	2,729	14,680	1,456	28,448	12,222	113,202
	26-Jun	593	761					2,782	41,202	887	32,373	2,989	17,669	3,124	31,572	10,375	123,577
	27-Jun	581	1,342					2,267	43,469	4,397	36,770	3,100	20,769	4,989	36,561	15,334	138,911
	28-Jun	218	1,560					2,256	45,725	1,432	38,202	3,248	24,017	4,150	40,711	11,304	150,215
	29-Jun	178	1,738					2,174	47,899	1,648	39,850	4,035	28,052	2,124	42,835	10,159	160,374
	30-Jun	628	2,366					4,389	52,288	2,704	42,554	3,960	32,012	1,213	44,048	12,894	173,268

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Table 6. (page 2 of 3)

Date	System (weir)												Total			
	Orzinski		Middle Lagoon		Thin Point		Nelson		Bear		Sandy		Ilnik			
	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum		
1-Jul	2,985	5,351					8,632	60,920	3,791	46,345	4,396	36,408	2,867	46,915	22,671	195,939
2-Jul	1,020	6,371					2,319	63,239	35,681	82,026	5,419	41,827	2,020	48,935	46,459	242,398
3-Jul	3,249	9,620					4,128	67,367	44,694	126,720	4,907	46,734	2,403	51,338	59,381	301,779
4-Jul	3,165	12,785					48,641	116,008	20,913	147,633	3,691	50,425	2,775	54,113	79,185	380,964
5-Jul	282	13,067					32,543	148,551	11,912	159,545	3,364	53,789	1,342	55,455	49,443	430,407
6-Jul	425	13,492					14,842	163,393	9,408	168,953	1,955	55,744	747	56,202	27,377	457,784
7-Jul	205	13,697					10,427	173,820	9,309	178,262	855	56,599	679	56,881	21,475	479,259
8-Jul	256	13,953					13,254	187,074	6,341	184,603	500	57,099	966	57,847	21,317	500,576
9-Jul	617	14,570					8,273	195,347	1,088	185,691	669	57,768	654	58,501	11,301	511,877
10-Jul	637	15,207					8,201	203,548	991	186,682	280	58,048	539	59,040	10,648	522,525
11-Jul	1,167	16,374					5,494	209,042	1,192	187,874	196	58,244	289	59,329	8,338	530,863
12-Jul	194	16,568					6,114	215,156	1,293	189,167	474	58,718	62	59,391	8,137	539,000
13-Jul	215	16,783					2,767	217,923	2,286	191,453	557	59,275	255	59,646	6,080	545,080
14-Jul	333	17,116					3,568	221,491	3,353	194,806	568	59,843	190	59,836	8,012	553,092
15-Jul	131	17,247					2,533	224,024	2,929	197,735	636	60,479	140	59,976	6,369	559,461
16-Jul	343	17,590					2,522	226,546	2,081	199,816	871	61,350	252	60,228	6,069	565,530
17-Jul	860	18,450					1,915	228,461	1,229	201,045	600	61,950	301	60,529	4,905	570,435
18-Jul	720	19,170					1,567	230,028	719	201,764	313	62,263	359	60,888	3,678	574,113
19-Jul	689	19,859					1,983	232,011	172	201,936	7	62,270	39	60,927	2,890	577,003
20-Jul	1,837	21,696	11	11			3,172	235,183	3,022	204,958		62,270		60,927	8,042	585,045
21-Jul	511	22,207	2	13			2,524	237,707	3,466	208,424		62,270		60,927	6,503	591,548
22-Jul	95	22,302	0	13	0	0	1,761	239,468	2,844	211,268		62,270		60,927	4,700	596,248
23-Jul	77	22,379	74	87	0	0	2,140	241,608	5,577	216,845		62,270		60,927	7,868	604,116
24-Jul	312	22,691	335	422	38	38		241,608	2,368	219,213		62,270		60,927	3,053	607,169
25-Jul	305	22,996	235	657	13	51		241,608	10,264	229,477		62,270		60,927	10,817	617,986
26-Jul	24	23,020	192	849	1	52		241,608	4,283	233,760		62,270		60,927	4,500	622,486
27-Jul	211	23,231	215	1,064	1	53		241,608	3,231	236,991		62,270		60,927	3,658	626,144
28-Jul	513	23,744	168	1,232	141	194		241,608	4,444	241,435		62,270		60,927	5,266	631,410
29-Jul		23,744	51	1,283	292	486		241,608	2,163	243,598		62,270		60,927	2,506	633,916
30-Jul		23,744	9	1,292	621	1,107		241,608	1,405	245,003		62,270		60,927	2,035	635,951

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Table 6. (page 3 of 3)

Date	System (weir)												Total			
	Orzinski		Middle Lagoon		Thin Point		Nelson		Bear		Sandy		Ilnik			
	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum	daily	cum		
31-Jul	23,744	1,962	3,254	79	1,186		241,608	2,368	247,371		62,270		60,927	4,409	640,360	
1-Aug	23,744	281	3,535	8	1,194		241,608	2,034	249,405		62,270		60,927	2,323	642,683	
2-Aug	23,744	12	3,547	85	1,279		241,608	2,537	251,942		62,270		60,927	2,634	645,317	
3-Aug	23,744	34	3,581	16	1,295		241,608	1,193	253,135		62,270		60,927	1,243	646,560	
4-Aug	23,744	259	3,840	49	1,344		241,608	1,834	254,969		62,270		60,927	2,142	648,702	
5-Aug	23,744	160	4,000	24	1,368		241,608	804	255,773		62,270		60,927	988	649,690	
6-Aug	23,744	248	4,248	17	1,385		241,608	571	256,344		62,270		60,927	836	650,526	
7-Aug	23,744	402	4,650	16	1,401		241,608	524	256,868		62,270		60,927	942	651,468	
8-Aug	23,744	451	5,101	215	1,616		241,608	344	257,212		62,270		60,927	1,010	652,478	
9-Aug	23,744	285	5,386	471	2,087		241,608	768	257,980		62,270		60,927	1,524	654,002	
10-Aug	23,744	246	5,632	68	2,155		241,608	301	258,281		62,270		60,927	615	654,617	
11-Aug	23,744	233	5,865	6	2,161		241,608	4,245	262,526		62,270		60,927	4,484	659,101	
12-Aug	23,744	233	6,098	0	2,161		241,608	5,011	267,537		62,270		60,927	5,244	664,345	
13-Aug	23,744	602	6,700	211	2,372		241,608	16,763	284,300		62,270		60,927	17,576	681,921	
14-Aug	23,744	725	7,425	261	2,633		241,608	14,567	298,867		62,270		60,927	15,553	697,474	
15-Aug	23,744	617	8,042	415	3,048		241,608	7,983	306,850		62,270		60,927	9,015	706,489	
16-Aug	23,744	359	8,401	53	3,101		241,608	9,318	316,168		62,270		60,927	9,730	716,219	
17-Aug	23,744	594	8,995	3,101			241,608	5,850	322,018		62,270		60,927	6,444	722,663	
18-Aug	23,744	743	9,738	3,101			241,608	14,995	337,013		62,270		60,927	15,738	738,401	
19-Aug	23,744	385	10,123	3,101			241,608	7,913	344,926		62,270		60,927	8,298	746,699	
20-Aug	23,744		10,123	3,101			241,608	1,154	346,080		62,270		60,927	1,154	747,853	
21-Aug	23,744		10,123	3,101			241,608	953	347,033		62,270		60,927	953	748,806	
22-Aug	23,744		10,123	3,101			241,608	389	347,422		62,270		60,927	389	749,195	
23-Aug	23,744		10,123	3,101			241,608	56	347,478		62,270		60,927	56	749,251	
post-weir estimate	6,256		1,477		5,899		8,846		19,522		1,730		1,073		44,803	
Total	30,000	30,000	11,600	11,600	9,000	9,000	250,454	250,454	367,000	367,000	64,000	64,000	62,000	62,000	794,054	794,054

Table 7. Estimated age composition of sockeye salmon escapements by system, Alaska Peninsula Management Area, 1996.

System	Size	Sample		Ages													Total <sup>a</sup>
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	3.3	2.4		
<b>SOUTH PENINSULA</b>																	
Orzinski Lake	851	Percent	0.0	4.9	0.0	62.6	6.9	0.0	10.6	9.2	0.0	0.5	5.1	0.2	0.0	0.0	100
		Numbers	0	1,155	0	14,864	1,637	0	2,513	2,176	0	129	1,219	48	0	0	23,744
Middle Lagoon	652	Percent	1	12.2	1.1	37.5	0.1	0.0	34.8	11.7	0.0	0.2	1.5	0.0	0.0	0.0	100
		Numbers	97	1,238	108	3,793	9	0	3,525	1,186	0	17	152	0	0	0	10,123
<b>NORTH PENINSULA</b>																	
G. Nelson River	1,221	Percent	0.1	0.2	0.1	13.9	6.5	0.0	5.4	65.1	0.0	0.0	8.2	0.5	0.1	0.0	100
		Numbers	138	447	290	33,618	15,673	0	12,975	157,219	0	0	19,894	1,147	205	0	241,608
Bear River	2,413	Percent	0.0	0.1	0.0	3.4	14.9	0.0	2.4	55.2	0.0	0.0	22.4	1.3	0.0	0.4	100
		Numbers	0	503	0	11,698	51,618	0	8,173	191,690	118	0	77,736	4,500	0	1,441	347,478
Sandy River	1,059	Percent	1.2	0.8	7.7	52.1	0.1	0.0	37.2	0	0.0	0.3	0.5	0.0	0.0	0.0	100
		Numbers	746	474	4,819	32,470	62	0	23,159	24	0	209	300	0	0	0	62,263
Ilnik River	847	Percent	0.6	0.0	67.6	3.3	0.0	1.3	26	0.7	0.0	0.7	0.0	0.0	0.0	0.0	100
		Numbers	337	0	41,195	1,985	0	796	15,811	399	0	402	0	0	0	0	60,927
Total	7,043	Percent	0.2	0.5	6.2	13.2	9.2	0.1	8.9	47.3	0.0	0.1	13.3	0.8	0.0	0.2	100
		Numbers	1,318	3,817	46,412	98,428	68,999	796	66,156	352,694	118	757	99,301	5,695	205	1,441	746,143

<sup>a</sup> Post weir estimate not included.

Table 8. Estimated age composition of Orzinski Lake sockeye salmon escapement by week, 1996.

Week	Sample Size		Ages								Total	
			1.1	1.2	2.1	1.3	2.2	1.4	2.3	3.2		
24 (6/07-6/13)	0	Percent	1	70.7	3.4	12.5	7.2	0.5	4.3	0.5	100	
		Numbers	0	2	0	0	0	0	0	0	3	
25 (6/14-6/20)	0	Percent	1	70.7	3.4	12.5	7.2	0.5	4.3	0.5	100	
		Numbers	0	8	0	1	1	0	0	0	11	
26 (6/21-6/27)	0	Percent	1	70.7	3.4	12.5	7.2	0.5	4.3	0.5	100	
		Numbers	13	939	45	166	96	6	57	6	1,328	
27 (6/28-7/04)	208	Percent	3.5	68.4	5.3	11	7.2	0.6	3.6	0.4	100	
		Numbers	405	7,832	606	1,256	826	70	407	40	11,443	
28 (7/05-7/11)	207	Percent	9.4	62.8	10.1	8.4	6.6	0.7	1.9	0	100	
		Numbers	338	2,253	364	301	237	26	68	2	3,589	
29 (7/12-7/18)	216	Percent	6.8	55.2	9.6	11.1	10.3	0.3	6.7	0	100	
		Numbers	191	1,543	268	311	288	7	188	0	2,796	
30 (7/19-7/25)	220	Percent	4.5	50	7.7	10.5	15.9	0.5	10.9	0	100	
		Numbers	174	1,913	296	400	609	17	417	0	3,826	
31 (7/26-8/01)	0	Percent	4.5	50	7.7	10.5	15.9	0.5	10.9	0	100	
		Numbers	34	374	58	78	119	3	82	0	748	
Total		Percent	4.9	62.6	6.9	10.6	9.2	0.5	5.1	0.2	100	
		Numbers	1,155	14,864	1,637	2,513	2,176	129	1,219	48	23,744 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 9. Length composition of Orzinski Lake sockeye salmon escapement samples by age and sex, June 28-July 25, 1996.

	Ages								
	1.1	1.2	1.3	1.4	2.1	2.2	2.3	3.2	Total
<b>Females</b>									
Mean Length		495	569	590	408	520	567	465	510
SE		2	5	-	24	4	4	-	2
Range		420-600	470-615	590-590	375-480	440-565	520-595	465-465	375-615
Sample Size	0	229	35	1	4	46	22	1	338
<b>Males</b>									
Mean Length	345	477	596	618	368	531	584		470
SE	3	3	3	2	2	7	9		4
Range	315-400	320-590	535-640	615-620	330-470	455-595	490-630		315-640
Sample Size	52	287	54	3	65	28	18	0	507
<b>All Fish</b>									
Mean Length	345	485	586	611	371	524	575	465	486
SE	3	2	3	7	3	4	5	-	3
Range	315-400	320-600	470-640	590-620	330-480	440-595	490-630	465-465	315-640
Sample Size	52	516	89	4	69	74	40	1	845

Table 10. Estimated sex composition of Orzinski Lake sockeye salmon escapement by week, 1996.

Week	Dates	Sample			Escapement					
		Females	Males	Total	percent		number		Females	Males
					Females	Males	Females	Males		
24	6/07-6/13	0	0	0	33.3	66.7	1	2	3	
25	6/14-6/20	0	0	0	45.5	54.5	5	6	11	
26	6/21-6/27	0	0	0	48.6	51.4	645	683	1,328	
27	6/28-7/04	116	123	239	45.5	54.5	5,205	6,238	11,443	
28	7/05-7/11	89	151	240	37.1	62.9	1,330	2,259	3,589	
29	7/12-7/18	76	164	240	37.6	62.4	1,050	1,746	2,796	
30	7/19-7/25	103	137	240	42.9	57.1	1,642	2,184	3,826	
31	7/26-8/01	0	0	0	42.9	57.1	321	427	748	
Total		384	575	959	43	57	10,199	13,545	23,744 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 11. Estimated age composition of Middle Lagoon sockeye salmon escapement by week, 1996.

Week	Sample Size	Ages									Total		
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3			
30 (7/19-7/25)	0	Percent	1.4	9.7	1.9	36.6	0	39.8	8.8	0	1.9	100	
		Numbers	9	64	12	240	0	262	58	0	12	657	
31 (7/26-8/01)	0	Percent	1.4	9.7	1.9	36.6	0	39.8	8.8	0	1.9	100	
		Numbers	40	280	53	1,053	0	1,146	253	0	53	2,878	
32 (8/02-8/08)	216	Percent	1.2	10.1	1.2	38.6	0.2	38	8.9	0	1.8	100	
		Numbers	18	158	19	605	3	595	140	0	29	1,566	
33 (8/09-8/15)	220	Percent	0.7	13.6	0.5	38.6	0.2	31.8	13.2	0.3	1.3	100	
		Numbers	20	399	14	1,134	6	934	388	7	39	2,941	
34 (8/16-8/22)	216	Percent	0.5	16.2	0.5	36.6	0	28.2	16.7	0.5	0.9	100	
		Numbers	10	337	10	761	0	588	347	10	19	2,081	
Total		Percent	1	12.2	1.1	37.5	0.1	34.8	11.7	0.2	1.5	100	
		Numbers	97	1,238	108	3,793	9	3,525	1,186	17	152	10,123 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 12. Length composition of Middle Lagoon sockeye salmon escapement samples by age and sex, August 2-22, 1996.

	Ages										
	0.2	0.3	1.1	1.2	1.3	1.4	2.1	2.2	2.3	Total	
<b>Females</b>											
Mean Length	545	574		521	558	572		533	569	539	
SE	-	13		2	2	-		2	8	2	
Range	545-545	536-598		467-580	488-613	572-572		496-570	552-589	467-613	
Sample Size	1	4	0	120	114	1	0	50	5	295	
<b>Males</b>											
Mean Length	489	580	369	536	579		418	544	575	513	
SE	26	10	3	3	2		-	5	9	4	
Range	397-550	570-590	312-436	390-600	520-633		418-418	482-585	546-602	312-633	
Sample Size	5	2	79	128	112	0	1	25	5	357	
<b>All Fish</b>											
Mean Length	498	576	369	529	568	572	418	536	572	525	
SE	23	9	3	2	2	-	-	2	6	3	
Range	397-550	536-598	312-436	390-600	488-633	572-572	418-418	482-585	546-602	312-633	
Sample Size	6	6	79	248	226	1	1	75	10	652	

Table 13. Estimated sex composition of Middle Lagoon sockeye salmon escapement by week, 1996.

Week	Dates	Sample			Escapement					
		Females	Males	Total	percent	Females	Males	Females	Males	Total
30	(7/19-7/25)	0	0	0	37.1	62.9	244	413	657	
31	(7/26-8/01)	0	0	0	37.1	62.9	1,067	1,811	2,878	
32	(8/02-8/08)	89	151	240	42.5	57.5	666	900	1,566	
33	(8/09-8/15)	117	123	240	50.1	49.9	1,474	1,467	2,941	
34	(8/16-8/22)	123	117	240	51.3	48.7	1,067	1,014	2,081	
Total		329	391	720	44.6	55.4	4,517	5,606	10,123 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 14. Estimated age composition of Nelson River sockeye salmon escapement by week, 1996.

Week	Sample Size	Ages											Total	
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	3.3			
24 (6/07-6/13)	0	Percent	0	0	0	20.4	0	4	68.2	7	0.5	0	100	
		Numbers	0	0	0	0	0	0	1	0	0	0	2	
25 (6/14-6/20)	201	Percent	0	0	0	20.5	0	4	67.9	7	0.5	0	100	
		Numbers	0	3	0	2,603	6	511	8,633	895	65	0	12,716	
26 (6/21-6/27)	196	Percent	0.1	0.8	0	22.5	2.2	5.8	57.4	10.5	0.7	0	100	
		Numbers	37	258	0	6,905	664	1,786	17,647	3,227	227	0	30,751	
27 (6/28-7/04)	210	Percent	0.1	0.1	0	13	4.9	5	66.9	9.6	0.3	0	100	
		Numbers	101	101	0	9,409	3,550	3,627	48,556	6,949	245	0	72,539	
28 (7/05-7/11)	209	Percent	0	0	0.1	11.5	7	5.5	67.3	7.9	0.5	0.1	100	
		Numbers	0	0	129	10,730	6,555	5,078	62,648	7,316	449	129	93,034	
29 (7/12-7/18)	202	Percent	0	0.1	0.5	13.7	12.8	7.2	59.6	5.2	0.5	0.4	100	
		Numbers	0	29	104	2,872	2,695	1,506	12,500	1,102	104	75	20,986	
30 (7/19-7/25)	203	Percent	0	0.5	0.5	9.5	19	4	62.5	3.5	0.5	0	100	
		Numbers	0	56	57	1,099	2,203	467	7,234	405	57	1	11,580	
Total		Percent	0.1	0.2	0.1	13.9	6.5	5.4	65.1	8.2	0.5	0.1	100	
		Numbers	138	447	290	33,618	15,673	12,975	157,219	19,894	1,147	205	241,608 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 15. Length composition of Nelson River sockeye salmon escapement samples by age and sex, June 14-July 25, 1996.

	Ages										
	0.2	0.3	1.1	1.2	1.3	2.1	2.2	2.3	3.2	3.3	Total
<b>Females</b>											
Mean Length		562		511	554		511	560	523		526
SE		-		8	4		2	3	31		2
Range		562-562		452-593	487-598		438-587	488-596	492-554		438-598
Sample Size	0	1	0	20	37	0	190	62	2	0	312
<b>Males</b>											
Mean Length	442	458	351	442	584	339	465	586	451	608	457
SE	-	-	22	3	7	2	2	8	8	-	2
Range	442-442	458-458	314-407	328-565	492-628	302-421	336-610	479-635	429-465	608-608	302-635
Sample Size	1	1	4	180	30	81	570	33	4	1	905
<b>All Fish</b>											
Mean Length	442	510	351	449	567	339	477	569	475	608	475
SE	-	52	22	3	4	2	2	4	18	-	2
Range	442-442	458-562	314-407	328-593	487-628	302-421	336-610	479-635	429-554	608-608	302-635
Sample Size	1	2	4	200	67	81	760	95	6	1	1,217

Table 16. Estimated sex composition of Nelson River sockeye salmon escapement by week, 1996.

Week	Dates	Sample			Escapement					
		Females	Males	Total	percent	Females	Males	Females	Males	Total
24	(6/07-6/13)	0	0	0	0.0	100.0		0	2	2
25	(6/14-6/20)	34	206	240	14.2	85.8		1,804	10,912	12,716
26	(6/21-6/27)	36	203	239	16.3	83.7		5,005	25,746	30,751
27	(6/28-7/04)	48	192	240	25.0	75.0		18,137	54,402	72,539
28	(7/05-7/11)	65	175	240	29.9	70.1		27,804	65,230	93,034
29	(7/12-7/18)	89	151	240	37.1	62.9		7,782	13,204	20,986
30	(7/19-7/25)	89	151	240	37.1	62.9		4,294	7,286	11,580
Total		361	1,078	1,439	26.8	73.2		64,827	176,781	241,608 <sup>a</sup>

<sup>a</sup> Post weir estimate not included.

Table 17. Estimated age composition of Bear River sockeye salmon escapement by week, 1996.

Week	Sample Size		Ages									Total
			1.1	1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4	
23 (5/31-6/06)	0	Percent Numbers	0.9 1	11.2 7	10.7 6	2.3 1	71 42	0 0	3.3 2	0 0	0.5 0	100 59
24 (6/07-6/13)	0	Percent Numbers	0.9 6	11.2 72	10.7 69	2.3 15	71 454	0 0	3.3 21	0 0	0.5 3	100 639
25 (6/14-6/20)	214	Percent Numbers	0.9 118	11.1 1,445	10.9 1,419	2.3 302	70.9 9,207	0 0	3.3 433	0 0	0.5 61	100 12,985
26 (6/21-6/27)	221	Percent Numbers	0.1 13	7.1 1,649	17.8 4,107	1.8 426	65.8 15,180	0 0	6.8 1,566	0 0	0.6 145	100 23,087
27 (6/28-7/04)	218	Percent Numbers	0 0	3.5 3,892	12.8 14,156	3.4 3,745	57.3 63,570	0 0	22.2 24,631	0 0	0.8 869	100 110,863
28 (7/05-7/11)	219	Percent Numbers	0 0	3.5 1,390	7.7 3,098	4.9 1,983	51.3 20,638	0 0	32.6 13,131	0 0	0 0	100 40,241
29 (7/12-7/18)	214	Percent Numbers	0.1 15	4.7 650	22 3,052	2.2 309	57.4 7,968	0 0	13.6 1,889	0 0	0.1 7	100 13,890
30 (7/19-7/25)	230	Percent Numbers	0.7 185	4.5 1,240	21.6 5,998	1.1 305	53.6 14,849	0 0	18 4,975	0 0	0.6 161	100 27,713
31 (7/26-8/01)	225	Percent Numbers	0.4 70	2.2 440	17 3,396	2.4 485	54.4 10,833	0 0	22.2 4,414	0.5 96	1 195	100 19,928
32 (8/02-8/08)	224	Percent Numbers	1.1 85	1.1 83	38.2 2,984	0.2 13	47.7 3,725	0 0	7.1 555	4.6 362	0 0	100 7,807
33 (8/09-8/15)	221	Percent Numbers	0 10	1.5 735	18 8,956	0.8 399	54.7 27,146	0 23	19.8 9,849	5.1 2,520	0 0	100 49,638

-Continued-

Table 17. (page 2 of 2)

Week	Sample Size	Ages									Total	
		1.1	1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4		
34 (8/16-8/22)	427	Percent	0.0	0.2	10.8	0.5	44.5	0.2	40.0	3.7	0.0	100
		Numbers	0	95	4,371	190	18,053	95	16,248	1,520	0	40,572
35 (8/23-8/29)	0	Percent	0.0	0.2	10.8	0.5	44.5	0.2	40.0	3.7	0.0	100
		Numbers	0	0	6	0	25	0	22	2	0	56
Total	2,413	Percent	0.1	3.4	14.9	2.4	55.2	0.0	22.4	1.3	0.4	100
		Numbers	503	11,698	51,618	8,173	191,690	118	77,736	4,500	1,441	347,478 <sup>a</sup>

<sup>a</sup> Post weir estimate not included.

Table 18. Length composition of Bear River sockeye salmon escapement samples by age and sex, June 14-August 22, 1996.

	Ages									
	1.1	1.2	1.3	2.1	2.2	2.3	2.4	3.1	3.2	Total
<b>Females</b>										
Mean Length		452	555	447	480	561	581		491	502
SE		5	8	24	1	2	15		6	2
Range		415-500	435-595	335-580	330-585	435-630	530-620		435-530	330-630
Sample Size	0	23	27	10	619	225	5	0	18	927
<b>Males</b>										
Mean Length	331	440	571	349	468	558	617	360	492	449
SE	9	3	14	1	1	4	8	-	7	2
Range	310-380	360-490	455-630	270-595	325-610	305-660	605-640	360-360	445-545	270-660
Sample Size	7	65	16	410	715	239	4	1	20	1,477
<b>All Fish</b>										
Mean Length	331	443	561	351	474	559	597	360	491	470
SE	9	3	7	2	1	2	10	-	5	2
Range	310-380	360-500	435-630	270-595	325-610	305-660	530-640	360-360	435-545	270-660
Sample Size	7	88	43	420	1,335	464	9	1	38	2,405

Table 19. Estimated sex composition of Bear River sockeye salmon escapement by week, 1996.

Week	Dates	Sample			Escapement					
		Females	Males	Total	percent		number		Females	Males
					Females	Males	Females	Males		
23	5/31-6/06	0	0	0	39.0	61.0	23	36	59	
24	6/07-6/13	0	0	0	39.1	60.9	250	389	639	
25	6/14-6/20	94	146	240	39.1	60.9	5,081	7,904	12,985	
26	6/21-6/27	90	150	240	37.8	62.2	8,717	14,370	23,087	
27	6/28-7/04	92	148	240	43.4	56.6	48,161	62,702	110,863	
28	7/05-7/11	121	119	240	47.6	52.4	19,171	21,070	40,241	
29	7/12-7/18	83	157	240	35.5	64.5	4,925	8,965	13,890	
30	7/19-7/25	88	152	240	38.6	61.4	10,692	17,021	27,713	
31	7/26-8/01	114	126	240	42.5	57.5	8,470	11,458	19,928	
32	8/02-8/08	60	180	240	27.7	72.3	2,165	5,642	7,807	
33	8/09-8/15	96	144	240	39.5	60.5	19,590	30,048	49,638	
34	8/16-8/22	184	295	479	54.5	45.5	22,119	18,453	40,572	
35	8/23-8/29	0	0	0	54.5	45.5	30.52	25.48	56	
Total		1,022	1,617	2,639	43.0	57.0	149,395	198,083	347,478 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 20. Estimated age composition of Sandy River sockeye salmon escapement by week, 1996.

Week	Sample Size		Ages									Total	
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3		
23 (5/31-6/06)	0	Percent	2	0	3	83.3	0	11.3	0	0.5	0	100	
		Numbers	0	0	0	11	0	1	0	0	0	13	
24 (6/07-6/13)	0	Percent	2	0	3	83.3	0	11.3	0	0.5	0	100	
		Numbers	5	0	7	199	0	27	0	1	0	239	
25 (6/14-6/20)	203	Percent	2.3	0.1	3.2	80.2	0	13.6	0	0.5	0.1	100	
		Numbers	100	5	143	3,523	0	599	0	21	5	4,394	
26 (6/21-6/27)	210	Percent	2.5	0.3	6	62.1	0	28.2	0	0.5	0.5	100	
		Numbers	399	53	963	10,012	0	4,542	0	77	76	16,123	
27 (6/28-7/04)	209	Percent	0.7	0.2	9.5	44.3	0.1	44.3	0	0.4	0.5	100	
		Numbers	211	74	2,803	13,144	31	13,141	0	110	142	29,656	
28 (7/05-7/11)	211	Percent	0.4	1.7	8.8	38.4	0.4	49.7	0.1	0	0.5	100	
		Numbers	31	131	687	3,003	31	3,888	6	0	42	7,819	
29 (7/12-7/18)	226	Percent	0	5.2	5.4	64.1	0	23.9	0.4	0	0.9	100	
		Numbers	0	211	216	2,578	0	961	18	0	35	4,019	
Total		Percent	1.2	0.8	7.7	52.1	0.1	37.2	0	0.3	0.5	100	
		Numbers	746	474	4,819	32,470	62	23,159	24	209	300	62,263 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 21. Length composition of Sandy River sockeye salmon escapement samples by age and sex, June 14-July 18, 1996.

	Ages									
	0.2	0.3	1.1	1.2	1.3	1.4	2.1	2.2	2.3	Total
<b>Females</b>										
Mean Length	503	544		480	549	584			546	520
SE	27	3		3	2	-			13	2
Range	452-545	480-580		403-587	467-596	584-584			534-559	403-596
Sample Size	3	34	0	144	172	1	0	0	2	356
<b>Males</b>										
Mean Length	422	579	335	449	579	583	411	420	566	481
SE	7	5	8	2	3	19	-	-	26	3
Range	387-460	498-622	290-390	367-608	455-625	565-602	411-411	420-420	518-608	290-625
Sample Size	10	33	15	479	149	2	1	1	3	693
<b>All Fish</b>										
Mean Length	440	561	335	456	563	583	411	420	558	494
SE	12	3	8	2	2	11	-	-	16	2
Range	387-545	480-622	290-390	367-608	455-625	565-602	411-411	420-420	518-608	290-625
Sample Size	13	68	15	623	321	3	1	1	5	1,050

Table 22. Estimated sex composition of Sandy River sockeye salmon escapement by week, 1996.

Week	Dates	Sample			Escapement					
		Females	Males	Total	percent		number			
					Females	Males	Females	Males	Total	
23	(5/31-6/06)	0	0	0	7.7	92.3	1	12	13	
24	(6/07-6/13)	0	0	0	11.3	88.7	27	212	239	
25	(6/14-6/20)	27	213	240	14.0	86.0	613	3,781	4,394	
26	(6/21-6/27)	57	183	240	28.5	71.5	4,600	11,523	16,123	
27	(6/28-7/04)	97	143	240	41.5	58.5	12,295	17,361	29,656	
28	(7/05-7/11)	123	117	240	49.9	50.1	3,900	3,919	7,819	
29	(7/12-7/18)	117	155	272	43.1	56.9	1,734	2,285	4,019	
Total		421	811	1,232	37.2	62.8	23,171	39,092	62,263 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 23. Estimated age composition of Ililik River sockeye salmon escapement by week, 1996.

Week	Sample Size		Ages							Total	
			0.2	0.3	1.2	0.4	1.3	2.2	1.4		
23 (5/31-6/06)	0	Percent	1	89.9	3	0	6.1	0	0	100	
		Numbers	23	2,008	68	0	135	0	0	2,234	
24 (6/07-6/13)	99	Percent	1	89.4	3	0	6.5	0.2	0	100	
		Numbers	58	5,340	180	0	385	10	0	5,973	
25 (6/14-6/20)	141	Percent	0.9	83.7	2.8	0.2	11.1	1	0.4	100	
		Numbers	94	8,781	295	20	1,162	104	40	10,497	
26 (6/21-6/27)	195	Percent	0.9	66.7	2.7	1	27.1	0.2	1.4	100	
		Numbers	162	11,902	489	174	4,842	44	244	17,857	
27 (6/28-7/04)	201	Percent	0	55.1	3.6	2	38	0.8	0.5	100	
		Numbers	0	9,666	633	349	6,673	145	86	17,552	
28 (7/05-7/11)	211	Percent	0	51.4	4.7	3.7	38.4	1.4	0.5	100	
		Numbers	0	2,680	244	193	2,001	73	25	5,216	
29 (7/12-7/18)	0	Percent	0	51.2	4.7	3.8	38.4	1.4	0.5	100	
		Numbers	0	798	74	59	598	22	7	1,559	
30 (7/19-7/25)	0	Percent	0	51.2	4.7	3.8	38.4	1.4	0.5	100	
		Numbers	0	20	2	1	15	1	0	39	
Total		Percent	0.6	67.6	3.3	1.3	26	0.7	0.7	100	
		Numbers	337	41,195	1,985	796	15,811	399	402	60,927 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 24. Length composition of Ilnik River sockeye salmon escapement samples by age and sex, June 7- July 11, 1996.

	Ages							
	0.2	0.3	0.4	1.2	1.3	1.4	2.2	Total
<b>Females</b>								
Mean Length		544	576	495	546	557	561	544
SE		1	7	13	2	7	-	1
Range		432-594	566-608	421-573	500-589	550-564	561-561	421-608
Sample Size	0	302	6	10	119	2	1	440
<b>Males</b>								
Mean Length	423	571	599	461	586	614	453	567
SE	8	2	16	12	2	1	7	2
Range	395-440	480-626	554-654	418-610	513-638	612-618	438-475	395-654
Sample Size	5	268	6	18	98	4	5	404
<b>All Fish</b>								
Mean Length	423	557	588	473	564	595	471	555
SE	8	1	9	9	2	12	19	1
Range	395-440	432-626	554-654	418-610	500-638	550-618	438-561	395-654
Sample Size	5	571	12	28	217	6	6	845

Table 25. Estimated sex composition of Ililik River sockeye salmon escapement by week, 1996.

Week	Dates	Sample			Escapement					
		Females	Males	Total	percent	Females	Males	Females	Males	Total
23	(5/31-6/06)	0	0	0	55.1	44.9	1,231	1,003	2,234	
24	(6/07-6/13)	65	53	118	54.5	45.5	3,255	2,718	5,973	
25	(6/14-6/20)	83	82	165	50.7	49.3	5,324	5,173	10,497	
26	(6/21-6/27)	120	122	242	50.7	49.3	9,049	8,808	17,857	
27	(6/28-7/04)	125	114	239	54.1	45.9	9,493	8,059	17,552	
28	(7/05-7/11)	137	102	239	57.2	42.8	2,982	2,234	5,216	
29	(7/12-7/18)	0	0	0	57.3	42.7	894	665	1,559	
30	(7/19-7/25)	0	0	0	56.4	43.6	22	17	39	
Total		530	473	1,003	52.9	47.1	32,249	28,678	60,927 <sup>a</sup>	

<sup>a</sup> Post weir estimate not included.

Table 26. Age composition of Bear Lake smolt samples by week, 1996.

Week	Date	Sample size	Age				Total
			0	1	2	3	
24	6/07-6/13	200	0.0	2.0	98.0	0.0	100
25	6/14-6/20	40	0.0	2.5	97.5	0.0	100
26	6/21-6/27	100	0.0	7.0	93.0	0.0	100
27	6/28-7/04	40	0.0	15.0	85.0	0.0	100
28	7/05-7/11	200	0.0	11.5	88.0	0.5	100
29	7/12-7/18	23	8.6	21.7	69.5	0.0	100
Total		603	0.3	7.6	91.8	0.1	100

Table 27. Mean length, weight, and condition factor of Bear Lake sockeye smolt samples by age and week, 1996.

Age	Stat Week	Sample Size	Length		Sample Size	Weight		Sample Size	Condition	
			Mean	Standard Error		Mean	Standard Error		Mean	Standard Error
0	29	2	75.0	6	2	3.2	0.1	2	0.77	0.15
Totals		2	75.0	6	2	3.2	0.1	2	0.77	0.15
1	24	4	89.0	9.6	4	7.7	2.1	4	1.04	0.11
1	25	1	98.0		1	5.6		1	0.60	
1	26	7	99.6	3.7	7	9.4	0.8	7	0.96	0.05
1	27	6	102.3	7.3	6	10.6	1.8	6	0.95	0.05
1	28	23	103.0	2	23	10.5	0.5	23	0.94	0.02
1	29	5	106.6	2	5	10.6	0.8	5	0.87	0.03
Totals		46	101.5	1.7	46	10.0	0.4	46	0.94	0.02
2	24	196	118.9	0.6	195	15.0	0.2	195	0.89	0.01
2	25	39	111.6	1.1	39	13.1	0.4	39	0.94	0.03
2	26	93	107.8	0.9	92	12.1	0.3	92	0.95	0.01
2	27	34	109.2	1.8	33	12.2	0.4	33	0.97	0.02
2	28	176	111.5	0.6	175	13.2	0.2	175	0.94	0.01
2	29	16	109.4	2.7	16	12.5	0.9	16	0.93	0.02
Totals		554	113.3	0.4	550	13.6	0.1	550	0.93	0.01
3	28	1	115.0		1	14.8		1	0.98	
Totals		1	115.0		1	14.8		1	0.98	

Table 28. Age composition of Sandy Lake smolt samples by week, 1996.

Week	Date	Sample size	Age				Total
			0	1	2	3	
25	6/14-6/20	30	0.0	100.0	0.0	0.0	100
28	7/05-7/11	96	94.7	5.2	0.0	0.0	100
29	7/12-7/18	105	99.0	0.9	0.0	0.0	100
<b>Total</b>		<b>231</b>	<b>84.4</b>	<b>15.5</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>

Table 29. Mean length, weight, and condition factor of Sandy Lake sockeye smolt samples by age and week, 1996.

Age	Stat Week	Length			Weight			Condition		
		Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error
0	28	91	69.0	0.4	91	2.8	0.1	91	0.85	0.01
0	29	104	66.7	0.5	104	2.8	0.1	104	0.93	0.02
Totals		195	67.7	0.4	195	2.8	0.0	195	0.89	0.01
1	25	30	111.6	0.9	30	12.4	0.3	30	0.89	0.02
1	28	5	89.2	0.9	5	5.9	0.2	5	0.84	0.04
1	29	1	96.0		1	8.5		1	0.97	
Totals		36	108.1	1.5	36	11.4	0.5	36	0.89	0.02

Table 30. Alaska Peninsula and Aleutian Islands Areas commercial salmon harvest in numbers of fish by statistical area, section, and district, 1996.

Statistical Area	Section	Number of Salmon						
		Chinook	Sockeye	Coho	Pink	Chum	Total	
<b>SOUTH PENINSULA</b>								
<b>SOUTHEASTERN DISTRICT</b>								
281-15	Kupreanof Point	59	9,066	1,461	40,140	7,019	57,745	
281-25	Island & Fox Bays	289	123,587	11,590	118,276	33,583	287,325	
<b>East Stepovak Section Total</b>		<b>348</b>	<b>132,653</b>	<b>13,051</b>	<b>158,416</b>	<b>40,602</b>	<b>345,070</b>	
281-30	<b>Stepovak Flats Section</b>	<b>9</b>	<b>2,781</b>	<b>15</b>	<b>557</b>	<b>830</b>	<b>4,192</b>	
281-40	Grub Gulch/Clark Bay	41	33,555	586	8,653	6,212	49,047	
281-50	Orzinski Bay	30	28,572	383	12,103	4,636	45,724	
281-55	American Bay	21	14,328	203	6,214	2,599	23,365	
281-60	Blunt Pt. to Dorenoi Bay	43	68,427	1,373	27,887	11,364	109,094	
<b>Northwest Stepovak Section Total</b>		<b>135</b>	<b>144,882</b>	<b>2,545</b>	<b>54,857</b>	<b>24,811</b>	<b>227,230</b>	
281-70	<b>Southwest Stepovak Section</b>	<b>68</b>	<b>46,768</b>	<b>4,331</b>	<b>43,937</b>	<b>10,655</b>	<b>105,759</b>	
281-80	<b>Balboa Bay Section</b>	<b>28</b>	<b>28,367</b>	<b>2,061</b>	<b>14,048</b>	<b>4,792</b>	<b>49,296</b>	
281-90	<b>Beaver Bay Section</b>	<b>2</b>	<b>5,732</b>	<b>16</b>	<b>1,339</b>	<b>853</b>	<b>7,942</b>	
<b>SOUTHEASTERN DIST. MAINLAND TOTAL</b>		<b>590</b>	<b>361,183</b>	<b>22,019</b>	<b>273,154</b>	<b>82,543</b>	<b>739,489</b>	
282-10	Popof Strait/Squaw Harbor	80	24,071	5,548	22,320	16,161	68,180	
282-11	Unga Cape/East Popof	2,049	281,466	134,781	662,737	241,210	1,322,243	
282-20	Acheredin Bay	39	27,992	1,730	12,532	6,286	48,579	
282-25	West Unga Island	73	42,258	1,317	27,860	7,866	79,374	
282-30	Bay Point	10	1,111	1,625	1,896	710	5,352	
282-35	Zachary Bay	1	1,090	85	621	415	2,212	
282-40	East Head/West Head	1	4,905	445	1,137	962	7,450	
282-42	Korovin Island	717	103,550	56,258	124,882	58,325	343,732	
282-45	Cape Wedge/Northeast Nagai	4	1,344	0	575	746	2,669	
282-65	Southeast Nagai	6	5,206	295	15,024	4,402	24,933	
282-70	Southwest Nagai	151	40,892	2,232	54,177	22,023	119,475	
282-75	Cape Horn/Porpoise Rocks	8	6,797	172	2,984	618	10,579	
282-80	East Nagai Strait	56	8,954	5	7,549	4,987	21,551	
<b>Shumagin Islands Section Total</b>		<b>3,195</b>	<b>549,636</b>	<b>204,493</b>	<b>934,294</b>	<b>364,711</b>	<b>2,056,329</b>	
<b>SOUTHEASTERN DISTRICT TOTAL</b>		<b>3,785</b>	<b>910,819</b>	<b>226,512</b>	<b>1,207,448</b>	<b>447,254</b>	<b>2,795,818</b>	
<b>SOUTH CENTRAL DISTRICT</b>								
283-15	Mino Creek	0	378	209	579	13	1,179	
283-17	Coal Bay/Cape Tolstoi South	3	4,025	252	67,626	1,547	73,453	
<b>Mino Creek-Little Coal Bay Section Total</b>		<b>3</b>	<b>4,403</b>	<b>461</b>	<b>68,205</b>	<b>1,560</b>	<b>74,632</b>	
283-21	Northside Cape Tolstoi	0	1,809	42	4,437	375	6,663	
283-23	Eastside Pavlof Bay	3	10,202	217	326,000	6,252	342,674	

-Continued-

Table 30. (page 2 of 4)

Statistical Area	Section	Number of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
	<b>East Pavlof Bay Section Total</b>	3	12,011	259	330,437	6,627	349,337
283-24	Canoe Bay Section	3	240	84	123,395	52,982	176,704
283-25	Northwest Pavlof Bay	1	441	40	342	283	1,107
283-26	Long Beach/Ukolnoi	4	2,850	776	15,012	9,155	27,797
	<b>West Pavlof Bay Section Total</b>	5	3,291	816	15,354	9,438	28,904
	<b>SOUTH CENTRAL DISTRICT TOTAL</b>	14	19,945	1,620	537,391	70,607	629,577
	<b>SOUTHWESTERN DISTRICT</b>						
284-36	Volcano Bay	0	100	22	48,138	37,898	86,158
284-37	Northside Dolgoi Island	12	11,668	2,569	31,664	8,849	54,762
284-38	South Dolgoi/Moss Cape	6	1,648	254	10,920	2,215	15,043
	<b>Volcano Bay Section Total</b>	18	13,416	2,845	90,722	48,962	155,963
284-42	Belkofski Bay	3	3,103	171	112,773	22,667	138,717
284-45	King Cove	0	807	92	4,805	1,531	7,235
	<b>Belkofski Bay Section Total</b>	3	3,910	263	117,578	24,198	145,952
	<b>Deer Island Section</b>	0	156	10	38,283	122	38,571
284-62	Outer Cold Bay	0	1	0	0	197	198
284-65	Lenard Harbor	0	0	0	22,678	4,533	27,211
284-67	Inner Cold Bay	0	67	9	3,704	27,184	30,964
	<b>Cold Bay Section Total</b>	0	68	9	26,382	31,914	58,373
284-75	<b>Thin Point Section</b>	0	1,568	13,602	21	5	15,196
284-80	<b>Morzhovoi Bay Section</b>	14	4,300	195	4,086	8,258	16,853
284-90	<b>Ikatan Bay Section</b>	459	162,360	23,438	85,731	57,493	329,481
	<b>SOUTHWESTERN DISTRICT TOTAL</b>	494	185,778	40,362	362,803	170,952	760,389
	<b>UNIMAK DISTRICT</b>						
285-10	<b>Sanak Island Section</b>	0	522	0	825	0	1,347
285-20	Bird Island	107	85,043	281	11,902	19,784	117,117
285-30	Cape Lazaref	89	78,917	3,091	23,297	18,594	123,988
	<b>Otter Cove Section Section Total</b>	196	163,960	3,372	35,199	38,378	241,105
285-40	<b>Cape Lutke Section</b>	595	247,743	8,853	44,847	48,685	350,723
	<b>UNIMAK DISTRICT TOTAL</b>	791	412,225	12,225	80,871	87,063	593,175

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Table 30. (page 3 of 4)

Statistical Area	Section	Number of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
<b>SOUTH PENINSULA TOTAL</b>		<b>5,084</b>	<b>1,528,767</b>	<b>280,719</b>	<b>2,188,513</b>	<b>775,876</b>	<b>4,778,959</b>
<b>ALEUTIANS ISLANDS (no fishery)</b>		0	0	0	0	0	0
<b>ATKA-AMLIA ISLANDS AREA</b>							
305-49	Nazan Bay	0	0	0	20	0	20
<b>ATKA-AMLIA ISLANDS AREA TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>20</b>
<b>NORTH PENINSULA</b>							
<b>NORTHWESTERN DISTRICT</b>							
311-32	Urilia Bay Section	4	37,343	6,442	0	669	44,458
311-52	Swanson Lagoon Section	1	2,109	835	80	1,861	4,886
311-60	Bechevin Bay Section	0	447	0	2,500	3,205	6,152
312-10	Outside Izembek & Moffet Lagoons	4	3,625	0	0	569	4,198
312-20	Izembek Lagoon	0	3,137	0	1	1	3,139
312-40	Moffet Lagoon	0	11,448	0	586	1,426	13,460
<b>Izembel-Moffet Bay Section Total</b>		<b>4</b>	<b>18,210</b>	<b>0</b>	<b>587</b>	<b>1,996</b>	<b>20,797</b>
<b>NORTHWESTERN DISTRICT TOTAL</b>		<b>9</b>	<b>58,109</b>	<b>7,277</b>	<b>3,167</b>	<b>7,731</b>	<b>76,293</b>
<b>NORTHERN DISTRICT</b>							
313-10	Black Hills Section	128	5,077	11	363	942	6,521
313-30	Nelson Lagoon Section	2,308	445,335	76,777	778	6,296	531,494
314-12	Port Moller Bight Section	73	1,646	127	10	546	2,302
315-11	Bear River	1,243	423,103	7,767	15,969	24,661	472,743
315-20	Muddy River	55	169,310	3,975	12,521	10,183	196,044
<b>Bear River Section Total</b>		<b>1,298</b>	<b>592,413</b>	<b>11,742</b>	<b>28,490</b>	<b>34,844</b>	<b>668,787</b>
316-10	Three Hills Section	71	188,556	6,174	10,139	7,013	211,953
316-20	Outside Ilinik	239	477,164	8,170	9,684	8,335	503,592
316-22	Ilinik Lagoon	2	14,230	0	0	5	14,237
316-25	Strogonof Point	57	121,367	1,690	1,210	1,708	126,032
<b>Ilinik Section Total</b>		<b>298</b>	<b>612,761</b>	<b>9,860</b>	<b>10,894</b>	<b>10,048</b>	<b>643,861</b>

-Continued-

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Statistical Area	Section	Number of Salmon					
		Chinook	Sockeye	Coho	Pink	Chum	Total
317-20	<b>Inner Port Heiden Section</b>	8	3,603	27	1	517	4,156
318-20	<b>Cinder River Section</b>	748	3,726	45,318	0	19	49,811
<b>NORTHERN DISTRICT TOTAL</b>		<b>4,932</b>	<b>1,853,017</b>	<b>150,036</b>	<b>50,675</b>	<b>60,225</b>	<b>2,118,885</b>
<b>NORTH PENINSULA TOTAL</b>		<b>4,941</b>	<b>1,911,126</b>	<b>157,313</b>	<b>53,842</b>	<b>67,956</b>	<b>2,195,178</b>
<b>ALASKA PENINSULA AREA TOTAL</b>		<b>10,025</b>	<b>3,439,893</b>	<b>438,032</b>	<b>2,242,355</b>	<b>843,832</b>	<b>6,974,137</b>
<b>ALASKA PENINSULA, ALEUTIAN ISLANDS, AND ATKA-ISLANDS AREA TOTAL</b>		<b>10,025</b>	<b>3,439,893</b>	<b>438,032</b>	<b>2,242,375</b>	<b>843,832</b>	<b>6,974,157</b>

<sup>a</sup> Harvest numbers do not include include test fish catches.

Table 31. Estimated age composition of sampled chinook catches by area and dates, Alaska Peninsula Management Area, 1996.

Area Dates	Sample Size	Ages						Total <sup>a</sup>
		1.1	1.2	1.3	1.4	1.5	1.6	
<b>NORTH PENINSULA</b>								
Nelson Lagoon 6/07-8/29	550	Percent Numbers	1.1 25	13.2 304	26.5 611	39.4 908	19.4 449	0.4 9 99.9 2,308
Harbor Point to Cape Seniavin 5/31-6/20	541	Percent Numbers	0.0 0	17.3 184	28.2 300	42.2 449	12.3 130	0.0 0 100.0 1,063

<sup>a</sup>

<sup>a</sup> Totals may not add exactly due to rounding.

Table 32. Estimated age composition of Nelson Lagoon chinook salmon catch by week, 1996.

Week	Size	Sample	Ages						Total <sup>a</sup>
			1.1	1.2	1.3	1.4	1.5	1.6	
24 6/07-6/13	100	Percent	1.0	32.0	23.0	27.0	17.0	0.0	100.0
		Numbers	3	93	67	78	49	0	290
25 6/14-6/20	287	Percent	0.4	12.3	28.9	41.5	16.9	0.0	100.0
		Numbers	4	143	334	480	195	0	1,156
26 6/21-6/27	118	Percent	0.8	10.0	25.7	39.7	23.4	0.4	100.0
		Numbers	4	54	139	214	126	2	539
27 6/28-7/04	45	Percent	4.4	4.4	22.2	42.2	24.4	2.2	99.8
		Numbers	7	7	37	71	41	4	168
28-35 7/05-8/29	0	Percent	4.4	4.4	22.2	42.2	24.4	2.2	99.8
		Numbers	7	7	34	65	38	3	155
Total	550	Percent	1.1	13.2	26.5	39.4	19.4	0.4	99.9
		Numbers	25	304	611	908	449	9	2,308

<sup>a</sup> Totals may not add exactly due to rounding.

Table 33. Estimated age composition of the Harbor Point to Cape Seniavin chinook salmon catch, May 31-June 20, 1996.

Week	Size	Sample	Ages				Total <sup>a</sup>	
			1.2	1.3	1.4	1.5		
23 5/31-6/06	145	Percent	10.3	29.7	45.5	14.5	100.0	
		Numbers	25	72	111	35	244	
24 6/07-6/13	234	Percent	26.1	28.6	34.2	11.1	100.0	
		Numbers	128	141	168	55	492	
25 6/14-6/20	162	Percent	9.3	26.5	51.9	12.3	100.0	
		Numbers	30	87	170	40	327	
Total		Percent	17.3	28.2	42.2	12.3	100.0	
		Numbers	184	300	449	130	1,063	

<sup>a</sup>Totals may not add exactly due to rounding.

Table 34. Estimated age composition of sampled sockeye catches by area and date, Alaska Peninsula Management Area, 1996.

Area	Sample		Ages												other <sup>a</sup>	Total <sup>b</sup>	
	Dates	Size	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4				
<b>SOUTH PENINSULA</b>																	
Southeastern District Mainland																	
8/02-8/08	280	Percent Numbers	0.4 40	0.0 0	1.8 201	9.3 1,043	0.0 0	0.0 0	54.6 6,135	9.3 1,043	1.4 160	23.2 2,607	0.0 0	0.0 0	100.0 11,228		
Shumagin Islands Section (June)																	
6/14-6/30	2,404	Percent Numbers	0.4 1,687	0.0 67	1.6 7,282	16.0 73,053	0.2 850	0.0 67	38.7 176,647	19.7 89,806	0.1 392	21.8 99,492	0.1 399	1.5 6,734	100.0 456,475		
Shumagin Islands Section (post June)																	
7/19-8/08	1,079	Percent Numbers	0.5 259	0.3 165	1.6 799	14.8 7,549	0.1 70	0.0 0	45.0 22,967	18.7 9,529	0.5 259	18.4 9,402	0.0 24	0.1 70	100.0 51,093		
Cape Tolstoi																	
7/19-8/15	828	Percent Numbers	0.1 6	0.0 0	0.3 14	16.3 656	0.0 0	0.0 0	60.0 2,417	8.1 327	1.8 71	13.2 530	0.1 5	0.0 0	100.0 4,025		
Pavlof Bay																	
7/19-7/25	309	Percent Numbers	0.3 16	0.0 0	2.6 124	10.4 496	0.0 0	0.0 0	68.6 3,286	5.5 264	1.0 47	11.0 527	0.6 31	0.0 0	100.0 4,790		
Volcano Bay/King Cove																	
7/19-8/08	785	Percent Numbers	0.0 4	0.0 0	1.7 237	8.6 1,188	0.0 0	0.0 0	64.4 8,906	8.1 1,117	0.5 75	15.2 2,107	1.4 191	0.0 0	100.0 13,825		
Belkofski Bay																	
7/19-8/08	199	Percent Numbers	0.0 0	2.8 54	1.3 25	42.2 807	0.0 0	0.0 0	46.0 879	3.5 67	1.4 27	2.0 39	0.0 0	0.6 12	99.9 1,912		

-Continued-

Table 34. (page 2 of 3)

Area	Sample Dates	Size	Ages												other <sup>a</sup>	Total <sup>b</sup>
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4			
<b>Ikatan Peninsula to Cape Lazaref (June)</b>																
6/14-6/27	3,425	Percent Numbers	0.2 540	0.0 .0	1.5 4,586	14.0 42,397	0.1 163	0.0 0	36.8 111,041	25.6 77,254	0.1 176	21.6 65,307	0.0 0	0.2 678	100.0 302,143	
<b>Ikatan Peninsula to Cape Lazaref (post June)</b>																
7/26-8/01	31	Percent Numbers	0.0 0	0.0 0	3.2 80	29.0 717	0.0 0	0.0 0	38.7 957	22.6 558	0.0 0	6.5 159	0.0 0	0.0 0	100.0 2,471	
<b>Cape Lutke</b>																
6/14-6/30	1,716	Percent Numbers	0.1 200	0.0 0	2.4 6,056	15.3 37,866	0.0 0	0.0 0	39.9 98,787	20.2 50,072	0.1 200	21.9 54,265	0.0 0	0.1 300	100.0 247,743	
<b>South Unimak (June)</b>																
6/14-6/30	5,141	Percent Numbers	0.2 879	0.0 0	1.7 9,514	14.0 79,579	0.0 220	0.0 0	37.6 213,795	23.8 135,302	0.1 440	22.4 126,963	0.0 0	0.2 1,209	100.0 567,901	
<b>South Unimak (post June)</b>																
7/26-8/01	31	Percent Numbers	0.0 0	0.0 0	3.2 80	29.0 717	0.0 0	0.0 0	38.7 957	22.6 558	0.0 0	6.5 159	0.0 0	0.0 0	100.0 2,471	
<b>NORTH PENINSULA</b>																
<b>Urilia Bay</b>																
6/21-6/27	391	Percent Numbers	2.8 477	0.0 0	60.1 10,186	2.3 390	0.0 0	2.3 390	22.5 3,814	5.4 910	0.8 130	3.6 607	0.0 0	0.3 43	100.0 16,948	
<b>Nelson Lagoon</b>																
6/07-9/12	4,681	Percent Numbers	0.1 450	0.1 249	1.5 6,732	15.3 67,925	0.1 329	0.0 13	18.1 80,798	54.0 240,393	0.2 770	10.4 46,118	0.0 104	0.3 1,450	100.0 445,335	

-Continued-

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Area	Sample		Ages												other <sup>a</sup>	Total <sup>b</sup>
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4			
Dates	Size															
Harbor Point to Cape Seniavin																
6/07-6/20	1,122	Percent	0.0	0.0	15.9	7.9	0.0	0.3	29.1	29.4	0.5	16.3	0.5	0.1	100.0	
		Numbers	0	0	1,558	776	0	30	2,856	2,893	52	1,606	47	13	9,832	
Ilnik Lagoon																
6/14-6/20	61	Percent	0.0	0.0	65.6	4.9	0.0	0.0	29.5	0.0	0.0	0.0	0.0	0.0	100.0	
		Numbers	0	0	1,607	120	0	0	723	0	0	0	0	0	2,450	
Harbor Point to Strogonoft Point																
6/28-9/12	10,453	Percent	0.2	0.0	2.1	3.1	0.0	0.0	26.7	25.0	0.2	41.5	0.3	0.9	99.1	
		Numbers	3,196	590	28,405	42,875	648	385	367,553	343,489	2,816	570,797	3,977	11,861	1,376,590	

<sup>a</sup> Other age classes includes ages 0.1, 3.2, 3.3, and 1.5.<sup>b</sup> Totals may not add exactly due to rounding.

Table 35. Estimated age composition of Southeast District Mainland sockeye salmon catch, August 2-8, 1996.

Week	Size	Sample	Ages							Total <sup>a</sup>
			0.2	0.3	1.2	1.3	2.2	1.4	2.3	
32 8/02-8/08	280	Percent	0.4	1.8	9.3	54.6	9.3	1.4	23.2	100.0
		Numbers	40	201	1,043	6,135	1,043	160	2,607	11,228
Total	280	Percent	0.4	1.8	9.3	54.6	9.3	1.4	23.2	100.0
		Numbers	40	201	1,043	6,135	1,043	160	2,607	11,228

<sup>a</sup>Totals may not add exactly due to rounding.

Table 36. Estimated age composition of Shumagin Islands Section sockeye salmon catch by week, June, 1996.

Week	Sample Size	Ages													Total <sup>a</sup>	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3		
25 6/14-6/20	544	Percent	0.9	0.0	0.6	17.6	0.4	0.0	36.8	23.2	0.2	19.7	0.2	0.0	0.6	100.0
		Numbers	1,288	0	773	24,735	515	0	51,531	32,464	258	27,569	258	0	773	140,163
26 6/21-6/27	968	Percent	0.1	0.0	2.0	13.4	0.0	0.0	41.1	16.5	0.0	24.7	0.3	0.1	1.8	100.0
		Numbers	265	0	5,037	34,460	0	0	105,502	42,413	0	63,354	795	265	4,506	256,598
27 6/28-6/30	892	Percent	0.2	0.1	2.5	23.2	0.6	0.1	32.8	25.0	0.2	14.3	0.0	0.2	0.7	100.0
		Numbers	134	67	1,473	13,857	335	67	19,615	14,929	134	8,569	0	134	402	59,714
Total	2,404	Percent	0.4	0.0	1.6	16.0	0.2	0.0	38.7	19.7	0.1	21.8	0.2	0.1	1.2	100.0
		Numbers	1,687	67	7,282	73,053	850	67	176,647	89,806	392	99,492	1,053	399	5,681	456,475

<sup>a</sup> Totals may not add exactly due to rounding.

Table 37. Estimated age composition of Shumagin Islands Section sockeye salmon catch, July 19-25 and August 9-15, 1996.

Week	Size	Ages													Total <sup>a</sup>		
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3			
30 7/19-7/25	547	Percent	0.5	0.4	1.6	13.7	0.2	0.0	48.3	14.4	0.4	20.3	0.0	0.0	0.2	100	
		Numbers	211	141	634	5,285	70	0	18,604	5,567	141	7,822	0	0	70	38,546	
32 8/02-8/08	532	Percent	0.4	0.2	1.3	18.0	0.0	0.0	34.8	31.6	0.9	12.6	0.0	0.2	0.0	100.0	
		Numbers	47	24	165	2,264	0	0	4,363	3,962	118	1,580	0	24	0	12,547	
Total		Percent	0.5	0.3	1.6	14.8	0.1	0.0	45.0	18.7	0.5	18.4	0.0	0.0	0.1	100.0	
		Numbers	259	165	799	7,549	70	0	22,967	9,529	259	9,402	0	24	70	51,093	

<sup>a</sup>Totals may not add exactly due to rounding.

Table 38. Estimated age composition of Cape Tolstoi sockeye salmon catch, July 19-August 15, 1996.

Week	Sample Size	Ages								Total <sup>a</sup>	
		0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4		
30 7/19-7/25	128	Percent	0.0	0.0	22.7	55.5	10.9	2.3	8.6	0.0	100.0
		Numbers	0	0	596	1,458	288	62	226	0	2,629
31 7/26-8/01	361	Percent	0.0	1.1	3.3	74.8	2.2	0.8	17.2	0.6	100.0
		Numbers	0	10	29	654	19	7	150	5	874
32 8/02-8/08	296	Percent	0.3	1.4	6.8	57.1	3.4	0.7	30.4	0.0	100.0
		Numbers	1	4	21	182	11	2	97	0	318
33 8/09-8/15	43	Percent	2.3	0.0	4.7	60.5	4.7	0.0	27.9	0.0	100.0
		Numbers	5	0	9	123	9	0	57	0	204
Total	828	Percent	0.1	0.3	16.3	60.0	8.1	1.8	13.2	0.1	100.0
		Numbers	6	14	656	2,417	327	71	530	5	4,025

<sup>a</sup>Totals may not add exactly due to rounding.

Table 39. Estimated age composition of Pavlof Bay sockeye salmon catch, July 19-25, 1996.

Week	Size	Sample	Ages								Total <sup>a</sup>
			0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4	
30 7/19-7/25	309	Percent	0.3	2.6	10.4	68.6	5.5	1.0	11.0	0.6	100.0
		Numbers	16	124	496	3,286	264	47	527	31	4,790
Total	309	Percent	0.3	2.6	10.4	68.6	5.5	1.0	11.0	0.6	100.0
		Numbers	16	124	496	3,286	264	47	527	31	4,790

<sup>a</sup> Totals may not add exactly due to rounding.

Table 40. Estimated age composition of Volcano Bay/King Cove sockeye salmon catch, July 19-August 8, 1996.

Week	Sample Size	Ages								Total <sup>a</sup>	
		0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4		
30 7/19-7/25	108	Percent	0.0	0.9	6.5	69.4	6.5	0.0	14.8	1.9	100.0
		Numbers	0	84	591	6,333	591	0	1,351	169	9,119
31 7/26-8/01	152	Percent	0.0	3.9	12.5	55.3	11.8	0.7	15.1	0.7	100.0
		Numbers	0	107	339	1,499	321	18	411	18	2,713
32 8/02-8/08	525	Percent	0.2	2.3	13.0	53.9	10.3	2.9	17.3	0.2	100.0
		Numbers	4	46	258	1,074	205	57	345	4	1,992
Total	785	Percent	0.0	1.7	8.6	64.4	8.1	0.5	15.2	1.4	100.0
		Numbers	4	237	1,188	8,906	1,117	75	2,107	191	13,825

<sup>a</sup> Totals may not add exactly due to rounding.

Table 41. Estimated age composition of Belkofski Bay sockeye salmon catch by week, July 19-August 8, 1996.

Week	Sample Size	Ages									Total <sup>a</sup>
		1.1	0.3	1.2	1.3	2.2	1.4	2.3	1.5		
30 7/19-7/25	87	Percent	2.3	2.3	34.5	52.8	3.4	1.2	2.3	1.1	100.0
		Numbers	12	12	185	284	19	6	12	6	537
31 7/26-8/01	0	Percent	2.7	1.5	40.8	47.3	3.5	1.4	2.1	0.8	100.0
		Numbers	20	11	297	344	25	10	15	5	728
32 8/02-8/08	112	Percent	3.4	0.3	50.3	38.7	3.6	1.7	1.9	0.2	100.0
		Numbers	22	2	325	251	23	11	12	1	647
Total	199	Percent	2.8	1.3	42.2	46.0	3.5	1.4	2.0	0.6	99.9
		Numbers	54	25	807	879	67	27	39	12	1,912

<sup>a</sup> Totals may not add exactly due to rounding.

Table 42. Estimated age composition of Ikatan Peninsula to Cape Lazaref sockeye salmon catch by week, June, 1996.

Week	Size	Sample	Ages									Total <sup>a</sup>	
			0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2		
25 6/14-6/20	1,786	Percent	0.2	1.5	13.9	0.0	35.6	26.9	0.1	21.7	0.1	0.0	100.0
		Numbers	377	2,544	23,363	0	59,821	45,313	94	36,552	188	0	168,252
26 6/21-6/27	1,639	Percent	0.1	1.5	14.2	0.1	38.3	23.9	0.1	21.5	0.2	0.1	100.0
		Numbers	163	2,042	19,034	163	51,220	31,941	82	28,755	327	163	133,891
Total	3,425	Percent	0.2	1.5	14.0	0.1	36.8	25.6	0.1	21.6	0.2	0.1	100.0
		Numbers	540	4,586	42,397	163	111,041	77,254	176	65,307	515	163	302,143

<sup>a</sup>Totals may not add exactly due to rounding.

Table 43. Estimated age composition of Ikatan Peninsula to Cape Lazaref sockeye salmon catch, July 26-August 1, 1996.

Week	Size	Sample						Total <sup>a</sup>
		0.3	1.2	1.3	2.2	2.3		
31 7/26-8/01	31	Percent Numbers	3.2 80	29.0 717	38.7 957	22.6 558	6.5 159	100.0 2,471
Total	31	Percent Numbers	3.2 80	29.0 717	38.7 957	22.6 558	6.5 159	100.0 2,471

<sup>a</sup> Totals may not add exactly due to rounding.

Table 44. Estimated age composition of Cape Lutke sockeye salmon catch by week, June, 1996.

Week	Size	Sample	Ages									Total <sup>a</sup>
			0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	
25 6/14-6/20	1,081	Percent	0.1	2.1	11.7	41.8	19.7	0.1	24.3	0.1	0.1	100.0
		Numbers	200	3,110	17,146	61,445	28,880	200	35,661	100	200	146,939
26 6/21-6/27	221	Percent	0.0	3.2	19.4	39.4	20.1	0.0	17.9	0.0	0.0	100.0
		Numbers	0	2,285	13,674	27,727	14,146	0	12,585	0	0	70,417
27 6/28-6/30	414	Percent	0.0	2.2	23.2	31.6	23.2	0.0	19.8	0.0	0.0	100.0
		Numbers	0	661	7,046	9,615	7,046	0	6,019	0	0	30,387
Total	1,716	Percent	0.1	2.4	15.3	39.9	20.2	0.1	21.9	0.0	0.1	100.0
		Numbers	200	6,056	37,866	98,787	50,072	200	54,265	100	200	247,743

<sup>a</sup> Totals may not add exactly due to rounding.

Table 45. Estimated age composition of South Unimak sockeye salmon catch by week, June, 1996.

Week	Size		Ages										Total <sup>a</sup>
			0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3	
25 6/14-6/20	2,867	Percent	0.2	1.5	12.2	0.0	37.9	24.3	0.1	23.6	0.1	0.1	100.0
		Numbers	660	4,837	38,368	0	119,392	76,517	330	74,538	330	220	315,191
26 6/21-6/27	1,860	Percent	0.1	1.8	14.7	0.1	38.7	23.3	0.1	21.0	0.2	0.1	100.0
		Numbers	220	3,625	29,987	220	79,087	47,562	110	42,839	439	220	204,308
27 6/28-6/30	414	Percent	0.0	2.2	23.2	0.0	31.6	23.2	0.0	19.8	0.0	0.0	100.0
		Numbers	0	1,052	11,224	0	15,316	11,224	0	9,587	0	0	48,402
Total	5,141	Percent	0.2	1.7	14.0	0.0	37.6	23.8	0.1	22.4	0.1	0.1	100.0
		Numbers	879	9,514	79,579	220	213,795	135,302	440	126,963	769	440	567,901

<sup>a</sup> Totals may not add exactly due to rounding.

Table 46. Estimated age composition of South Unimak sockeye salmon catch, July 26-August 1, 1996.

Week	Size	Sample						Total <sup>a</sup>
		0.3	1.2	1.3	2.2	2.3		
31 7/26-8/01	31	Percent Numbers	3.2 80	29.0 717	38.7 957	22.6 558	6.5 159	100.0 2,471
Total	31	Percent Numbers	3.2 80	29.0 717	38.7 957	22.6 558	6.5 159	100.0 2,471

<sup>a</sup> Totals may not add exactly due to rounding.

Table 47. Estimated age composition of Uriilia Bay sockeye salmon catch, June 21-27, 1996.

Week	Size	Sample	Ages									Total <sup>a</sup>
			0.1	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	
26 6/21-6/27	391	Percent	0.3	2.8	60.1	2.3	2.3	22.5	5.4	0.8	3.6	100.0
		Numbers	43	477	10,186	390	390	3,814	910	130	607	16,948
Total	391	Percent	0.3	2.8	60.1	2.3	2.3	22.5	5.4	0.8	3.6	100.0
		Numbers	43	477	10,186	390	390	3,814	910	130	607	16,948

<sup>a</sup>Totals may not add exactly due to rounding.

Table 48. Estimated age composition of Nelson Lagoon sockeye salmon catch by week, 1996.

Week	Size	Sample Percent Numbers	Ages												Total <sup>a</sup>
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	
62	24 6/07-6/13	464 Percent Numbers	0.0 0	0.0 0	3.2 180	18.8 1,045	0.0 0	0.2 12	53.7 2,991	17.7 985	0.4 24	5.2 288	0.4 24	0.4 24	100.0 5,573
	25 6/14-6/20	521 Percent Numbers	0.2 25	0.0 6	5.3 889	13.3 2,211	0.2 25	0.0 1	43.0 7,168	23.9 3,977	0.3 58	13.7 2,289	0.0 7	0.0 7	100.0 16,664
	26 6/21-6/27	522 Percent Numbers	0.0 9	0.1 48	2.5 863	9.5 3,300	0.1 18	0.0 0	28.3 9,834	39.3 13,644	0.2 75	19.6 6,806	0.2 58	0.1 48	100.0 34,704
	27 6/28-7/04	520 Percent Numbers	0.0 0	0.0 5	1.1 1,965	9.3 16,174	0.1 242	0.0 0	15.7 27,251	62.4 108,483	0.1 247	11.0 19,145	0.2 334	0.0 5	100.0 173,852
	28 7/05-7/11	519 Percent Numbers	0.0 0	0.0 19	1.3 1,481	9.4 10,350	0.0 44	0.0 0	11.2 12,442	68.0 75,260	0.1 82	9.6 10,675	0.3 328	0.0 0	100.0 110,681
	29 7/12-7/18	507 Percent Numbers	0.1 65	0.2 98	0.9 511	18.6 10,002	0.0 0	0.0 0	15.7 8,467	52.9 28,445	0.3 182	10.1 5,446	1.1 600	0.0 0	100.0 53,817
	30 7/19-7/25	530 Percent Numbers	0.7 192	0.2 49	2.3 605	37.5 9,984	0.0 0	0.0 0	24.0 6,372	30.4 8,081	0.2 64	4.4 1,175	0.3 77	0.0 2	100.0 26,600
	31 7/26-8/01	536 Percent Numbers	0.5 47	0.0 3	1.0 99	65.3 6,629	0.0 0	0.0 0	21.4 2,171	10.1 1,029	0.3 34	1.3 130	0.0 1	0.2 16	100.0 10,158
	32 8/02-8/08	562 Percent Numbers	0.8 58	0.2 11	1.0 73	62.4 4,476	0.0 0	0.0 0	30.1 2,155	4.1 292	0.1 4	1.2 88	0.2 11	0.0 2	100.0 7,170
	33 8/09-8/15	0 Percent Numbers	0.9 46	0.2 9	1.1 55	61.4 3,154	0.0 0	0.0 0	31.9 1,636	3.2 165	0.0 0	1.2 64	0.2 9	0.0 0	100.0 5,138

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Week	Size	Sample												Total <sup>a</sup>	
		Ages													
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4		
34 8/16-8/22	0	Percent Numbers	0.9 6	0.2 1	1.1 8	61.4 434	0.0 0	0.0 0	31.9 225	3.2 23	0.0 0	1.2 9	0.2 1	0.0 0	100.0 707
35 8/23-8/29	0	Percent Numbers	0.9 2	0.2 0	1.1 3	61.4 149	0.0 0	0.0 0	31.9 77	3.2 8	0.0 0	1.2 3	0.2 0	0.0 0	100.0 243
36 8/30-9/05	0	Percent Numbers	0.9 0	0.2 0	1.1 0	61.4 15	0.0 0	0.0 0	31.9 8	3.2 1	0.0 0	1.2 0	0.2 0	0.0 0	100.0 24
37 9/06-9/12	0	Percent Numbers	0.9 0	0.2 0	1.1 0	61.4 2	0.0 0	0.0 0	31.9 1	3.2 0	0.0 0	1.2 0	0.2 0	0.0 0	100.0 4
Total	4,681	Percent Numbers	0.1 450	0.1 249	1.5 6,732	15.3 67,925	0.1 329	0.0 13	18.1 80,798	54.0 240,393	0.2 770	10.4 46,118	0.3 1,450	0.0 104	100.0 445,335

<sup>a</sup> Totals may not add exactly due to rounding.

Table 49. Estimated age composition of Harbor Point to Cape Seniavin sockeye salmon catch, June 7-20, 1996.

Week	Size	Sample	Ages									Total <sup>a</sup>
			0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	3.3	
24 6/07-6/13	548	Percent	4.2	6.4	0.2	22.3	46.5	0.0	19.0	1.5	0.0	100.0
		Numbers	99	150	4	523	1,094	0	446	34	0	2,351
25 6/14-6/20	574	Percent	19.5	8.4	0.3	31.2	24.0	0.7	15.5	0.2	0.2	100.0
		Numbers	1,460	626	26	2,333	1,799	52	1,160	13	13	7,481
Total	1,122	Percent	15.9	7.9	0.3	29.1	29.4	0.5	16.3	0.5	0.1	100.0
		Numbers	1,558	776	30	2,856	2,893	52	1,606	47	13	9,832

<sup>a</sup> Totals may not add exactly due to rounding.

Table 50. Estimated age composition of Ilnik Lagoon sockeye salmon catch, June 14-20, 1996.

Week	Sample Size	Ages			Total <sup>a</sup>	
		0.3	1.2	1.3		
25 6/14-6/20	61	Percent	65.6	4.9	29.5	100.0
		Numbers	1,607	120	723	2,450
Total	61	Percent	65.6	4.9	29.5	100.0
		Numbers	1,607	120	723	2,450

<sup>a</sup> Totals may not add exactly due to rounding.

Table 51. Estimated age composition of Harbor Point to Strogonof Point sockeye salmon catch by week, June 28-September 12, 1996.

Week	Sample Size	Ages													Total <sup>a</sup>	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3		
27 6/28-7/04	1,126	Percent Numbers	0.1 80	0.0 21	4.5 3,482	3.2 2,523	0.1 70	0.0 10	40.0 31,171	19.4 15,129	0.2 122	32.1 25,013	0.2 139	0.1 63	0.1 80	100.0 77,903
28 7/05-7/11	1,091	Percent Numbers	0.2 685	0.1 473	4.0 14,660	3.5 12,912	0.1 303	0.1 237	38.6 140,900	20.6 75,233	0.4 1,544	31.5 115,072	0.2 664	0.4 1,565	0.1 539	100.0 364,786
29 7/12-7/18	1,107	Percent Numbers	0.4 1,127	0.0 96	2.4 6,471	4.5 12,289	0.0 73	0.0 48	37.1 102,219	22.2 61,159	0.2 679	32.4 89,194	0.2 560	0.5 1,271	0.0 96	100.0 275,282
30 7/19-7/25	1,102	Percent Numbers	0.6 830	0.0 0	1.4 2,092	3.8 5,656	0.1 166	0.0 0	26.7 39,759	23.1 34,405	0.1 187	43.4 64,750	0.5 721	0.3 494	0.0 4	100.0 149,065
31 7/26-8/01	1,130	Percent Numbers	0.2 320	0.0 0	0.8 1,062	2.9 3,708	0.0 36	0.0 0	18.9 24,526	24.9 32,341	0.2 198	50.9 66,106	1.0 1,359	0.1 136	0.1 82	100.0 129,872
32 8/02-8/08	1,122	Percent Numbers	0.2 114	0.0 0	0.6 421	3.5 2,423	0.0 0	0.0 0	16.4 11,265	33.0 22,691	0.1 66	44.8 30,763	1.4 942	0.0 22	0.0 9	100.0 68,716
33 8/09-8/15	1,127	Percent Numbers	0.0 40	0.0 0	0.2 193	1.9 1,563	0.0 0	0.0 0	12.2 9,879	34.6 28,015	0.0 20	49.4 39,989	1.4 1,151	0.2 155	0.0 0	100.0 81,006
34 8/16-8/22	1,123	Percent Numbers	0.0 0	0.0 0	0.0 24	1.0 1,100	0.0 0	0.0 0	5.1 5,898	30.9 35,778	0.0 0	61.2 70,815	1.7 1,998	0.1 100	0.0 10	100.0 115,722
35 8/23-8/29	1,138	Percent Numbers	0.0 0	0.0 0	0.0 0	0.8 663	0.0 0	0.0 16	2.2 1,775	33.8 27,486	0.0 0	60.3 49,041	2.6 2,151	0.2 160	0.1 53	100.0 81,345
36 8/30-9/05	387	Percent Numbers	0.0 0	0.0 0	0.0 0	0.1 38	0.0 0	0.2 71	0.5 158	34.2 10,865	0.0 0	61.0 19,358	3.9 1,252	0.0 11	0.0 4	100.0 31,757
37 9/06-9/12	0	Percent Numbers	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.3 3	0.3 3	34.1 387	0.0 0	61.2 696	4.1 47	0.0 0	0.0 0	100.0 1,136
Total	10,453	Percent Numbers	0.2 3,196	0.0 590	2.1 28,405	3.1 42,875	0.0 648	0.0 385	26.7 367,553	25.0 343,489	0.2 2,816	41.5 570,797	0.8 10,984	0.3 3,977	0.1 877	100.0 1,376,590

<sup>a</sup> Totals may not add exactly due to rounding.

Table 52. Estimated age composition of sampled coho catches by area and date, Alaska Peninsula Management Area, 1996.

Week	Sample Size	Ages					Total <sup>a</sup>		
		1.1	2.1	3.1	4.1				
<b>SOUTH PENINSULA</b>									
Shumagin Islands Section									
7/19-8/08	822	Percent	19.8	76.9	3.3	0.0	100.0		
		Numbers	39,015	151,348	6,487	0	196,850		
Ikatan Peninsula to Cape Lazaref									
7/26-8/01	268	Percent	16.4	79.1	4.5	0.0	100.0		
		Numbers	1,143	5,505	312	0	6,959		
<b>NORTH PENINSULA</b>									
Nelson Lagoon									
7/12-9/12	1,136	Percent	8.3	83.3	8.3	0.1	100.0		
		Numbers	6,389	63,923	6,373	89	76,777		
Harbor Point to Strogonoof Point									
8/09-8/29	1,486	Percent	16.9	76.8	6.2	0.2	100.0		
		Numbers	3,555	16,159	1,296	32	21,042		

<sup>a</sup> Totals may not add exactly due to rounding.

Table 53. Estimated age composition of Shumagin Islands Section coho salmon catch by week, July 19-August 8, 1996.

Week	Sample Size	Ages			Total <sup>a</sup>		
		1.1	2.1	3.1			
30 7/19-7/25	269	Percent	20.4	77.0	2.6	100.0	
		Numbers	22,521	84,762	2,866	110,150	
31 7/26-8/01	272	Percent	16.9	78.7	4.4	100.0	
		Numbers	10,611	49,362	2,768	62,741	
32 8/02-8/08	281	Percent	24.6	71.9	3.6	100.0	
		Numbers	5,883	17,223	853	23,959	
Total		Percent	19.8	76.9	3.3	100.0	
		Numbers	39,015	151,348	6,487	196,850	

<sup>a</sup> Totals may not add exactly due to rounding.

Table 54. Estimated age composition of Ikatan Peninsula to Cape Lazaref coho salmon catch, July 26-August 1, 1996.

Week	Size	Percent Numbers	Ages			Total <sup>a</sup>
			1.1	2.1	3.1	
31- 7/26-8/01	268		16.4 1,143	79.1 5,505	4.5 312	100.0 6,959
Total	268	Percent Numbers	16.4 1,143	79.1 5,505	4.5 312	100.0 6,959

<sup>a</sup> Totals may not add exactly due to rounding.

Table 55. Estimated age composition of Nelson Lagoon coho salmon catch by week, 1996.

Week	Size	Sample	Ages				Total <sup>a</sup>
			1.1	2.1	3.1	4.1	
29 7/12-7/18	0	Percent	10.0	84.1	5.8	0.0	100.0
		Numbers	2	13	1	0	15
30 7/19-7/25	0	Percent	10.0	84.1	5.8	0.0	100.0
		Numbers	6	50	3	0	59
31 7/26-8/01	0	Percent	10.0	84.1	5.8	0.0	100.0
		Numbers	71	599	41	0	712
32 8/02-8/08	0	Percent	10.0	84.1	5.8	0.0	100.0
		Numbers	326	2,735	189	0	3,250
33 8/09-8/15	309	Percent	9.5	84.3	6.2	0.0	100.0
		Numbers	2,169	19,184	1,403	0	22,757
34 8/16-8/22	300	Percent	7.4	84.6	8.0	0.1	100.0
		Numbers	871	10,021	942	6	11,840
35 8/23-8/29	295	Percent	7.6	82.3	9.8	0.3	100.0
		Numbers	2,414	26,075	3,097	83	31,670
36 8/30-9/05	232	Percent	8.2	81.0	10.8	0.0	100.0
		Numbers	490	4,852	645	0	5,988
37 9/06-9/12	0	Percent	8.2	81.0	10.8	0.0	100.0
		Numbers	40	394	52	0	486
Total	1,136	Percent	8.3	83.3	8.3	0.1	100.0
		Numbers	6,389	63,923	6,373	89	76,777

<sup>a</sup> Totals may not add exactly due to rounding.

Table 56. Estimated age composition of Harbor Point to Strogonof Point coho salmon catch by week, August 9-29, 1996.

Week	Sample Size	Ages					Total <sup>a</sup>
		1.1	2.1	3.1	4.1		
33 8/09-8/15	344	Percent	18.6	74.7	6.7	0.0	100.0
		Numbers	708	2,845	255	0	3,808
34 8/16-8/22	794	Percent	17.2	77.2	5.5	0.1	100.0
		Numbers	1,700	7,645	548	12	9,906
35 8/23-8/29	348	Percent	15.6	77.4	6.7	0.3	100.0
		Numbers	1,147	5,669	493	20	7,328
Total	1,486	Percent	16.9	76.8	6.2	0.2	100.0
		Numbers	3,555	16,159	1,296	32	21,042

<sup>a</sup> Totals may not add exactly due to rounding.

Table 57. Estimated age composition of sampled chum catches by area and date, Alaska Peninsula Management Area, 1996.

Area	Sample		Ages							
			Dates	Size	0.2	0.3	0.4	0.5	0.6	Total <sup>a</sup>
<b>SOUTH PENINSULA</b>										
Shumagin Islands Section (June)										
6/14-6/30	1,515	Percent Numbers			0.8 1,921	60.6 139,263	34.4 79,174	4.0 9,215	0.2 358	100.0 229,931
Shumagin Islands Section (post June)										
7/19-8/08	1,234	Percent Numbers			4.4 5,889	47.3 63,062	46.6 62,126	1.8 2,357	0.0 0	100.0 133,434
Pavlof Bay										
7/19-7/25	409	Percent Numbers			0.2 10	58.4 2,319	34.0 1,349	7.1 281	0.2 10	100.0 3,969
Canoe Bay										
7/19-8/01	418	Percent Numbers			1.0 507	48.8 25,857	45.2 23,956	5.0 2,662	0.0 0	100.0 52,982
Belkofski Bay										
7/26-8/15	828	Percent Numbers			1.7 380	47.1 10,396	48.3 10,652	2.9 641	0.0 0	100.0 22,071
Cold Bay										
7/26-8/15	687	Percent Numbers			0.4 121	29.9 8,277	68.5 18,973	1.2 346	0.0 0	100.0 27,717
Ilkatan Peninsula to Cape Lazareff (June)										
6/14-6/30	3,540	Percent Numbers			0.4 352	63.4 51,341	32.4 26,243	3.6 2,918	0.1 116	100.0 80,970

-Continued-

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Area	Sample Dates	Size	Ages						Total <sup>a</sup>
			0.2	0.3	0.4	0.5	0.6		
<b>Ikatan Peninsula to Cape Lazaref (post June)</b>									
7/19-8/08	904	Percent Numbers	4.2 629	60.8 9,057	33.2 4,945	1.7 255	0.1 14	100.0 14,901	
<b>Cape Lutke</b>									
6/14-6/30	1,056	Percent Numbers	0.0 0	64.4 31,351	32.2 15,653	3.5 1,682	0.0 0	100.0 48,685	
<b>South Unimak (June)</b>									
6/14-6/30	4,595	Percent Numbers	0.4 460	63.6 82,518	32.4 41,961	3.5 4,571	0.1 145	100.0 129,655	
<b>South Unimak (post June)</b>									
7/19-8/08	904	Percent Numbers	4.2 629	60.8 9,057	33.2 4,945	1.7 255	0.1 14	100.0 14,901	
<b>NORTH PENINSULA</b>									
<b>Nelson Lagoon</b>									
6/28-9/05	1,357	Percent Numbers	0.4 23	86.7 5,461	12.0 758	0.7 46	0.1 7	100.0 6,296	
<b>Harbor Point to Stroganof Point</b>									
6/28-8/15	3,855	Percent Numbers	2.1 1,015	80.9 39,945	14.1 6,938	2.8 1,400	0.1 62	100.0 49,361	

<sup>a</sup> Totals may not add exactly due to rounding.

Table 58. Estimated age composition of Shumagin Islands Section chum salmon catch by week, June, 1996.

Week	Size	Sample	Ages						Total <sup>a</sup>
			0.2	0.3	0.4	0.5	0.6		
25 6/14-6/20	406	Percent	0.2	56.7	40.4	2.7	0.0	100.0	
		Numbers	169	38,802	27,668	1,856	0	68,494	
26 6/21-6/27	422	Percent	1.2	62.6	31.3	4.7	0.2	100.0	
		Numbers	1,598	84,381	42,191	6,393	320	134,882	
27 6/28-6/30	687	Percent	0.6	60.6	35.1	3.6	0.1	100.0	
		Numbers	155	16,080	9,316	966	39	26,555	
Total	1,515	Percent	0.8	60.6	34.4	4.0	0.2	100.0	
		Numbers	1,921	139,263	79,174	9,215	358	229,931	

<sup>a</sup> Totals may not add exactly due to rounding.

Table 59. Estimated age composition of Shumagin Islands Section chum salmon catch by week, July 19-August 8, 1996.

Week	Size	Sample	Ages						Total <sup>a</sup>
			0.2	0.3	0.4	0.5	0.6		
30 7/19-7/25	416	Percent	2.9	48.6	47.1	1.4	0.0	100.0	
		Numbers	1,732	29,158	28,292	866	0	60,049	
31 7/26-8/01	409	Percent	4.6	46.5	46.7	2.2	0.0	100.0	
		Numbers	2,224	22,242	22,359	1,054	0	47,879	
32 8/02-8/08	409	Percent	7.6	45.7	45	1.7	0.0	100.0	
		Numbers	1,933	11,662	11,475	437	0	25,506	
Total	1,234	Percent	4.4	47.3	46.6	1.8	0.0	100.0	
		Numbers	5,889	63,062	62,126	2,357	0	133,434	

<sup>a</sup> Totals may not add exactly due to rounding.

Table 60. Estimated age composition of Pavlof Bay chum salmon catch, July 19-25, 1996.

Week	Size	Sample	Ages					Total <sup>a</sup>
			0.2	0.3	0.4	0.5	0.6	
30 7/19-7/25	409	Percent	0.2	58.4	34.0	7.1	0.2	100.0
		Numbers	10	2,319	1,349	281	10	3,969
Total	409	Percent	0.2	58.4	34.0	7.1	0.2	100.0
		Numbers	10	2,319	1,349	281	10	3,969

<sup>a</sup> Totals may not add exactly due to rounding.

Table 61. Estimated age composition of Canoe Bay chum salmon catch by week, 1996.

Week	Size	Sample	Ages				Total <sup>a</sup>	
			0.2	0.3	0.4	0.5		
30 7/19-7/25	418	Percent	1.0	48.8	45.2	5.0	100.0	
		Numbers	421	21,464	19,886	2,210	43,981	
31 7/26-8/01	0	Percent	1.0	48.8	45.2	5.0	100.0	
		Numbers	86	4,393	4,070	452	9,001	
Total		Percent	1.0	48.8	45.2	5.0	100.0	
		Numbers	507	25,857	23,956	2,662	52,982	

<sup>a</sup> Totals may not add exactly due to rounding.

Table 62. Estimated age composition of Belkofski Bay chum salmon catch by week, July 26-August 15, 1996.

Week	Size	Sample	Ages				Total <sup>a</sup>	
			0.2	0.3	0.4	0.5		
31 7/26-8/01	410	Percent	0.6	46.4	48.7	4.2	100.0	
		Numbers	30	2,202	2,310	200	4,742	
32 8/02-8/08	418	Percent	1.9	47.2	48.2	2.7	100.0	
		Numbers	185	4,555	4,648	257	9,646	
33 8/09-8/15	0	Percent	2.2	47.4	48.1	2.4	100.0	
		Numbers	165	3,639	3,694	184	7,683	
Total		Percent	1.7	47.1	48.3	2.9	100.0	
		Numbers	380	10,396	10,652	641	22,071	

<sup>a</sup> Totals may not add exactly due to rounding.

Table 63. Estimated age composition of Cold Bay chum salmon catch, July 26-August 15, 1996.

Week	Sample Size	Ages				Total <sup>a</sup>	
		0.2	0.3	0.4	0.5		
31 7/26-8/01	406	Percent	0.5	31.5	66.5	1.5	100.0
		Numbers	53	3,411	7,196	160	10,820
32-33 8/02-8/15	281	Percent	0.4	28.8	69.7	1.1	100.0
		Numbers	68	4,866	11,777	186	16,897
Total	687	Percent	0.4	29.9	68.5	1.2	100.0
		Numbers	121	8,277	18,973	346	27,717

<sup>a</sup> Totals may not add exactly due to rounding.

Table 64. Estimated age composition of Ikatan Peninsula to Cape Lazaref chum salmon catch by week, June, 1996.

Week	Size	Percent Numbers	Ages					Total <sup>a</sup>
			0.2	0.3	0.4	0.5	0.6	
25 6/14-6/20	1,388	Percent Numbers	0.2 75	60.7 21,103	34.6 12,030	4.4 1,529	0.1 50	100.0 34,787
26 6/21-6/27	1,664	Percent Numbers	0.5 198	64.1 23,477	31.9 11,672	3.4 1,233	0.2 66	100.0 36,647
27 6/28-6/30	488	Percent Numbers	0.8 78	70.9 6,761	26.6 2,540	1.6 156	0.0 0	100.0 9,536
Total	3,540	Percent Numbers	0.4 352	63.4 51,341	32.4 26,243	3.6 2,918	0.1 116	100.0 80,970

<sup>a</sup> Totals may not add exactly due to rounding.

Table 65. Estimated age composition of Ikatan Peninsula to Cape Lazaref chum salmon catch by week, post June, 1996.

Week	Size	Sample	Ages					Total <sup>a</sup>
			0.2	0.3	0.4	0.5	0.6	
30 7/19-7/25	371	Percent	3.0	61.5	34.0	1.6	0.0	100.0
		Numbers	262	5,420	2,995	143	0	8,820
31 7/26-8/01	417	Percent	5.8	59.5	32.6	1.9	0.2	100.0
		Numbers	327	3,383	1,855	109	14	5,689
32 8/02-8/08	116	Percent	10.3	64.7	24.1	0.9	0.0	100.0
		Numbers	41	253	95	3	0	392
Total	904	Percent	4.2	60.8	33.2	1.7	0.1	100.0
		Numbers	629	9,057	4,945	255	14	14,901

<sup>a</sup> Totals may not add exactly due to rounding.

Table 66. Estimated age composition of Cape Lutke chum salmon catch by week, June, 1996.

Week	Sample Size	Ages			Total <sup>a</sup>	
		0.3	0.4	0.5		
25 6/14-6/20	868	Percent Numbers	62.9 16,705	33.6 8,918	3.6 943	100.0 26,566
26 6/21-6/27	0	Percent Numbers	65.1 8,993	31.5 4,358	3.4 472	100.0 13,822
27 6/28-6/30	188	Percent Numbers	68.1 5,653	28.6 2,377	3.2 267	100.0 8,297
Total	1,056	Percent Numbers	64.4 31,351	32.2 15,653	3.5 1,682	100.0 48,685

<sup>a</sup> Totals may not add exactly due to rounding.

Table 67. Estimated age composition of South Unimak chum salmon catch by week, June, 1996.

Week	Sample Size	Ages						Total <sup>a</sup>
		0.2	0.3	0.4	0.5	0.6		
25 6/14-6/20	2,255	Percent	0.1	61.4	34.3	4.1	0.1	100.0
		Numbers	82	37,655	21,059	2,503	54	61,353
26 6/21-6/27	1,664	Percent	0.5	64.1	31.9	3.4	0.2	100.0
		Numbers	273	32,332	16,075	1,698	91	50,469
27 6/28-6/30	676	Percent	0.6	70.3	27.1	2.1	0.0	100.0
		Numbers	106	12,531	4,828	369	0	17,833
Total	4,595	Percent	0.4	63.6	32.4	3.5	0.1	100.0
		Numbers	460	82,518	41,961	4,571	145	129,655

<sup>a</sup> Totals may not add exactly due to rounding.

Table 68. Estimated age composition of South Unimak chum salmon catch by week, post June, 1996.

Week	Size	Sample	Ages						Total <sup>a</sup>	
			0.2	0.3	0.4	0.5	0.6			
30 7/19-7/25	371	Percent	3.0	61.5	34.0	1.6	0.0	100.0		
		Numbers	262	5,420	2,995	143	0		8,820	
31 7/26-8/01	417	Percent	5.8	59.5	32.6	1.9	0.2	100.0		
		Numbers	327	3,383	1,855	109	14		5,689	
32 8/02-8/08	116	Percent	10.3	64.7	24.1	0.9	0.0	100.0		
		Numbers	41	253	95	3	0		392	
Total		Percent	4.2	60.8	33.2	1.7	0.1	100.0		
		Numbers	629	9,057	4,945	255	14		14,901	

<sup>a</sup> Totals may not add exactly due to rounding.

Table 69. Estimated age composition of Nelson Lagoon chum salmon catch by week, 1996.

Week	Size	Percent Numbers	Ages					Total <sup>a</sup>
			0.2	0.3	0.4	0.5	0.6	
27 6/28-7/04	0	Percent Numbers	0.0 0	79.5 1	18.9 0	1.3 0	0.4 0	100.0 1
28 7/05-7/11	0	Percent Numbers	0.0 0	79.5 130	18.9 31	1.3 2	0.4 1	100.0 163
29 7/12-7/18	477	Percent Numbers	0.0 0	79.8 842	18.6 196	1.2 13	0.4 4	100.0 1,056
30 7/19-7/25	434	Percent Numbers	0.2 5	83.9 1,915	15.0 343	0.8 18	0.1 2	100.0 2,283
31 7/26-8/01	446	Percent Numbers	0.6 8	91.4 1,170	7.5 97	0.5 6	0.0 0	100.0 1,281
32-36 8/02-9/05	0	Percent Numbers	0.7 10	92.8 1,403	6.0 91	0.5 7	0.0 0	99.9 1,512
Total	1,357	Percent Numbers	0.4 23	86.7 5,461	12.0 758	0.7 46	0.1 7	100.0 6,296

<sup>a</sup> Totals may not add exactly due to rounding.

Table 70. Estimated age composition of the Harbor Point to Strogenof Point chum salmon catch by week, June 28-August 15, 1996.

Week	Size	Percent Numbers	Ages					Total <sup>a</sup>
			0.2	0.3	0.4	0.5	0.6	
27 6/28-7/04	346	Percent Numbers	0.0 0	73.1 1,127	20.5 316	6.1 94	0.3 4	100.0 1,541
28 7/05-7/11	860	Percent Numbers	0.5 47	75.3 6,686	19.1 1,699	4.8 425	0.3 23	100.0 8,881
29 7/12-7/18	867	Percent Numbers	2.9 298	75.5 7,707	17.8 1,819	3.4 348	0.3 30	100.0 10,202
30 7/19-7/25	869	Percent Numbers	3.6 390	82.2 8,889	11.9 1,283	2.3 245	0.0 5	100.0 10,812
31 7/26-8/01	855	Percent Numbers	1.8 235	85.4 10,895	11.2 1,429	1.6 204	0.0 0	100.0 12,763
32 8/02-8/08	0	Percent Numbers	1.1 39	88.7 3,192	8.6 310	1.6 58	0.0 0	100.0 3,599
33 8/09-8/15	58	Percent Numbers	0.4 6	92.7 1,449	5.3 82	1.7 26	0.0 0	100.0 1,563
Total	3,855	Percent Numbers	2.1 1,015	80.9 39,945	14.1 6,938	2.8 1,400	0.1 62	100.0 49,361

<sup>a</sup> Totals may not add exactly due to rounding.

Table 71. Estimated age composition of Bear River late run sockeye, 1996.

Sample Size	Ages													Total <sup>a</sup>			
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3			
<i>Escapement</i>																	
Bear River late run post 31 July	872	Percent	0.0	0.1	0.0	0.9	16.7	0.0	0.6	49.8	0.1	0.0	27.3	4.5	0.0	0.0	100.0
		Numbers	0	122	0	1,100	19,961	0	728	59,575	146	0	32,640	5,359	0	0	119,629
<i>Catch</i>																	
Harbor Point to Strogonoft Point post 31 July	4,897	Percent	0.0	0.0	0.2	1.7	0.0	0.0	8.0	33.4	0.0	0.0	54.6	2.0	0.1	0.0	100.0
		Numbers	189	0	741	6,689	0	90	31,887	133,150	0	94	217,886	7,856	439	67	399,086
Total Run		Percent	0.0	0.0	0.1	1.5	3.8	0.0	6.3	37.2	0.0	0.0	48.3	2.5	0.1	0.0	100.0
		Numbers	189	122	741	7,789	19,961	90	32,615	192,725	146	94	250,526	13,215	439	67	518,715

<sup>a</sup> Totals may not add exactly due to rounding.

Table 72. The Bear River late run sockeye salmon brood table, 1980-96.

Year	Post 7/31 Escapement	Ages													Total Return	Return/ Spawner	
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3		
1980	238,038	0	0	0	0	0	0	12,754	400,014	90	54	132,036	330	205	17	545,500	2.29
1981	214,728	0	1,134	43,049	9,594	0	0	6,463	210,579	0	2	47,413	18	41	93	318,386	1.48
1982	104,503	0	657	1,324	1,333	0	0	7,344	70,269	0	91	197,258	488	1,259	847	280,870	2.69
1983	172,143	0	147	5,044	176	0	0	16,802	134,380	0	488	160,027	2,093	89	0	319,246	1.85
1984	108,151	0	429	2,887	19,898	0	0	23,787	301,375	0	185	142,790	11,014	1,261	0	503,626	4.66
1985	170,739	1	592	24,407	14,756	0	0	138,603	538,445	0	1,058	217,073	38	2,789	2,074	939,836	5.50
1986	98,921	172	2,512	62,610	2,269	0	0	77,677	412,258	0	1,252	301,036	5,751	416	4,290	870,243	8.80
1987	83,395	0	910	77,886	17,721	57	19,211	451,063	1,000	321	490,594	25,598	1,909	2,341	1,088,611	13.05	
1988	140,660	2,101	256	15,096	29,363	77	18,515	370,999	0	109	250,503	224	2,886	143	690,272	4.91	
1989	204,804	2,599	1,932	6,504	40,756	0	0	52,714	638,148	0	2,223	322,645	1,191	439	67	1,069,218	5.22
1990	262,946	0	1,037	35,887	11,911	82	77,905	795,302	0	94	250,526	13,215	0	0	0	1,185,959	
1991	173,913	1,123	211	39,738	15,637	90	32,615	192,725	146	0	0	0	0	0	0	282,285	
1992	195,830	247	741	7,789	19,961	0	0	0	0	0	0	0	0	0	0	28,738	
1993	197,988	189	122	0	0	0	0	0	0	0	0	0	0	0	0	0	
1994	204,441	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1995	107,961	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1996	119,629																
80-89 Avg	153,608	487	857	23,881	13,587	13	37,387	352,753	109	578	226,138	4,675	1,129	987	662,581	5.05	
85-89 Avg	139,704	975	1,240	37,301	20,973	27	61,344	482,183	200	993	316,370	6,560	1,688	1,783	931,636	7.50	

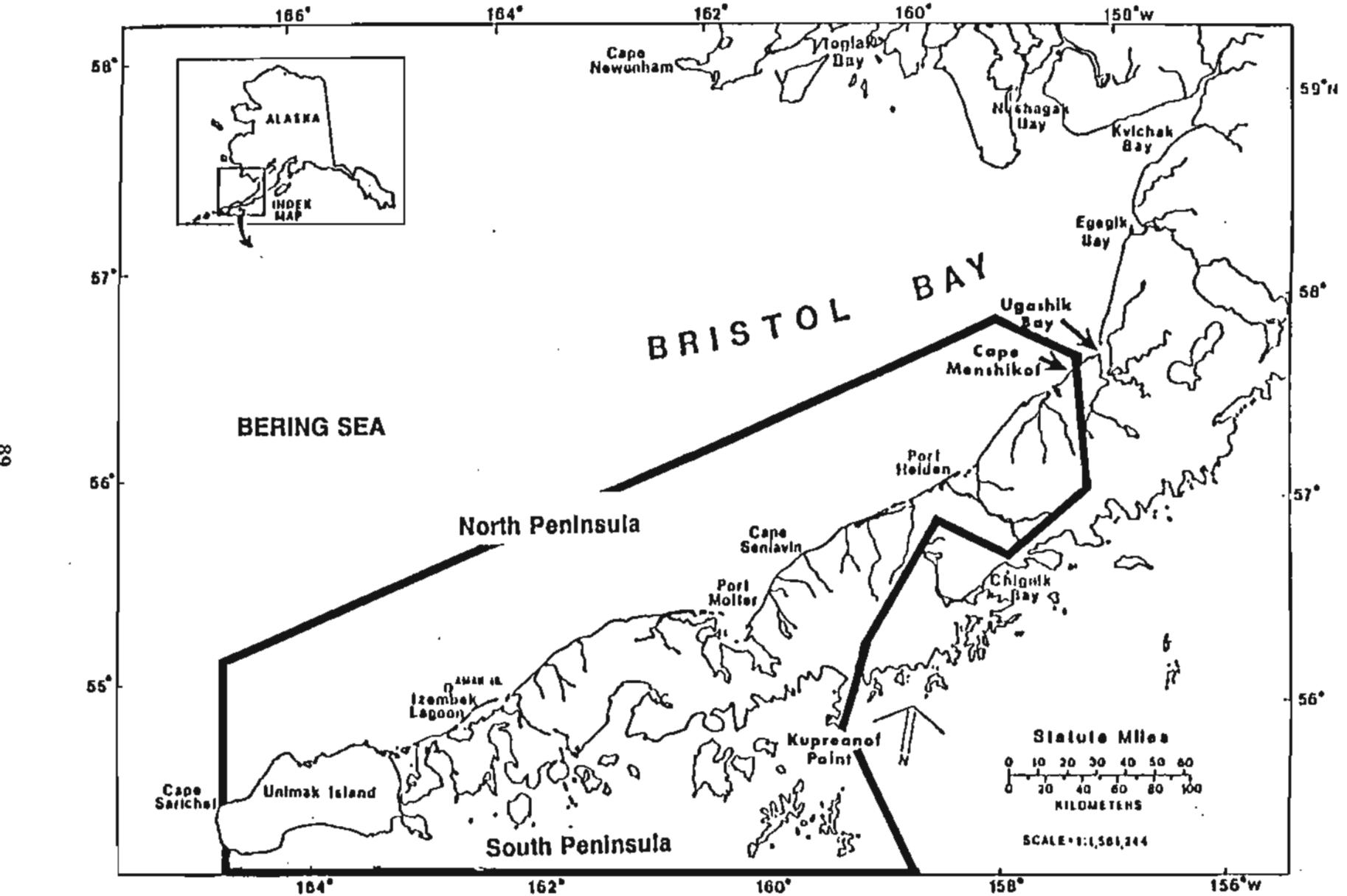


Figure 1. Map of the Alaska Peninsula Management Area, 1996.

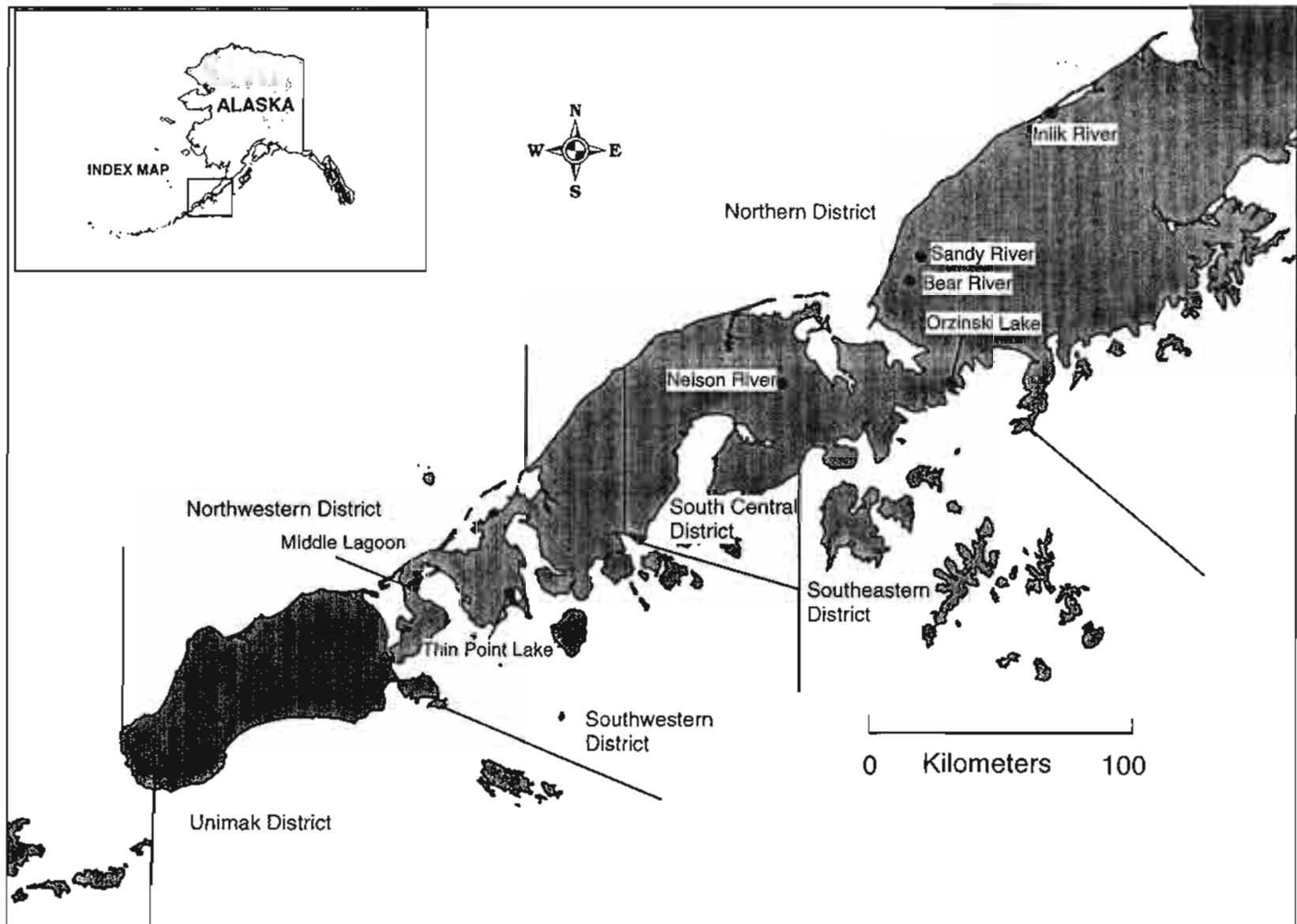


Figure 2. Map of the Alaska Peninsula Management Area with the salmon fishing districts and weir locations shown.

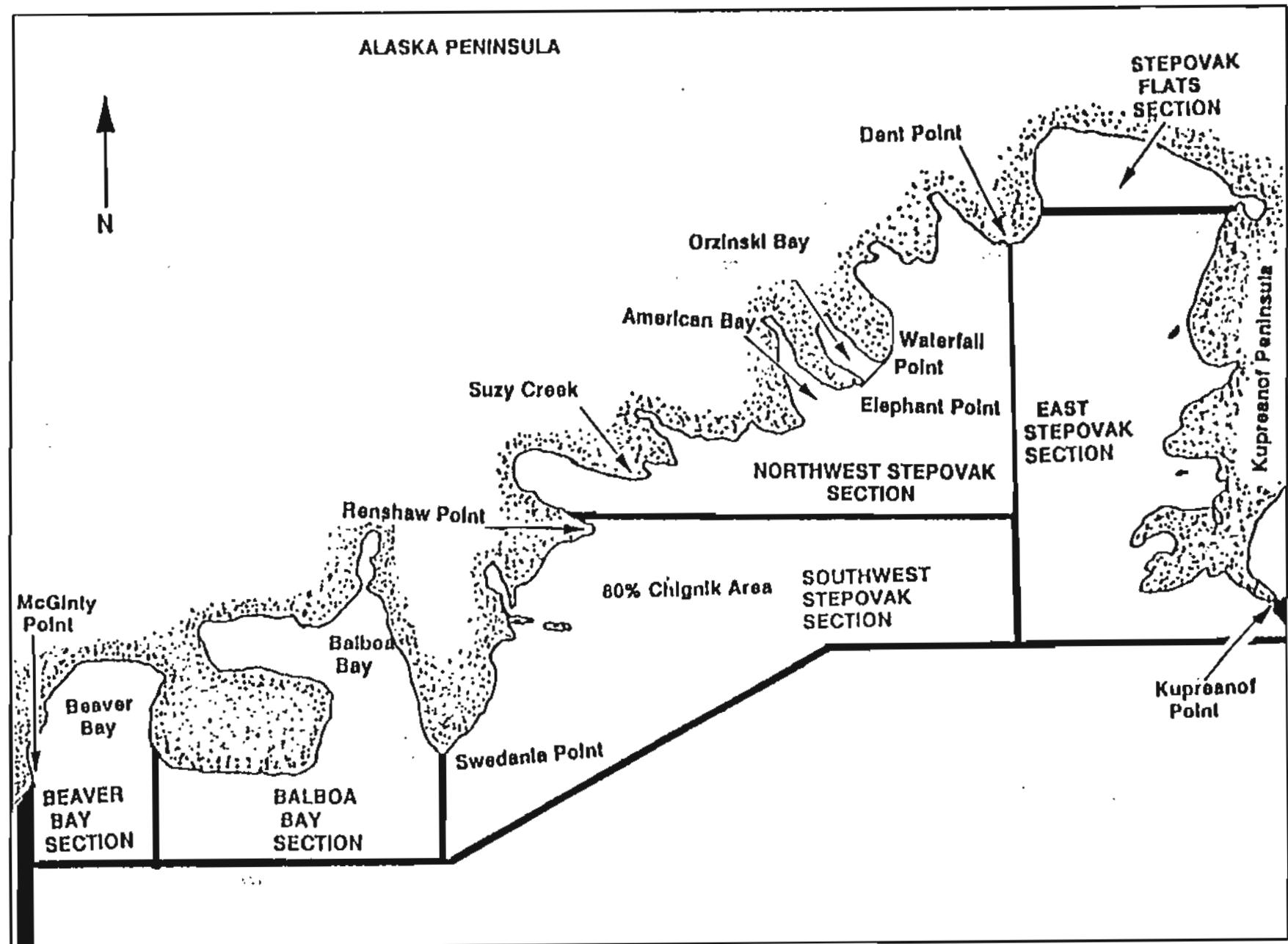


Figure 3. Map of the Southeastern District Mainland fishery from Kupreanof Point to McGinty Point with the salmon sections defined.

## ALASKA PENINSULA

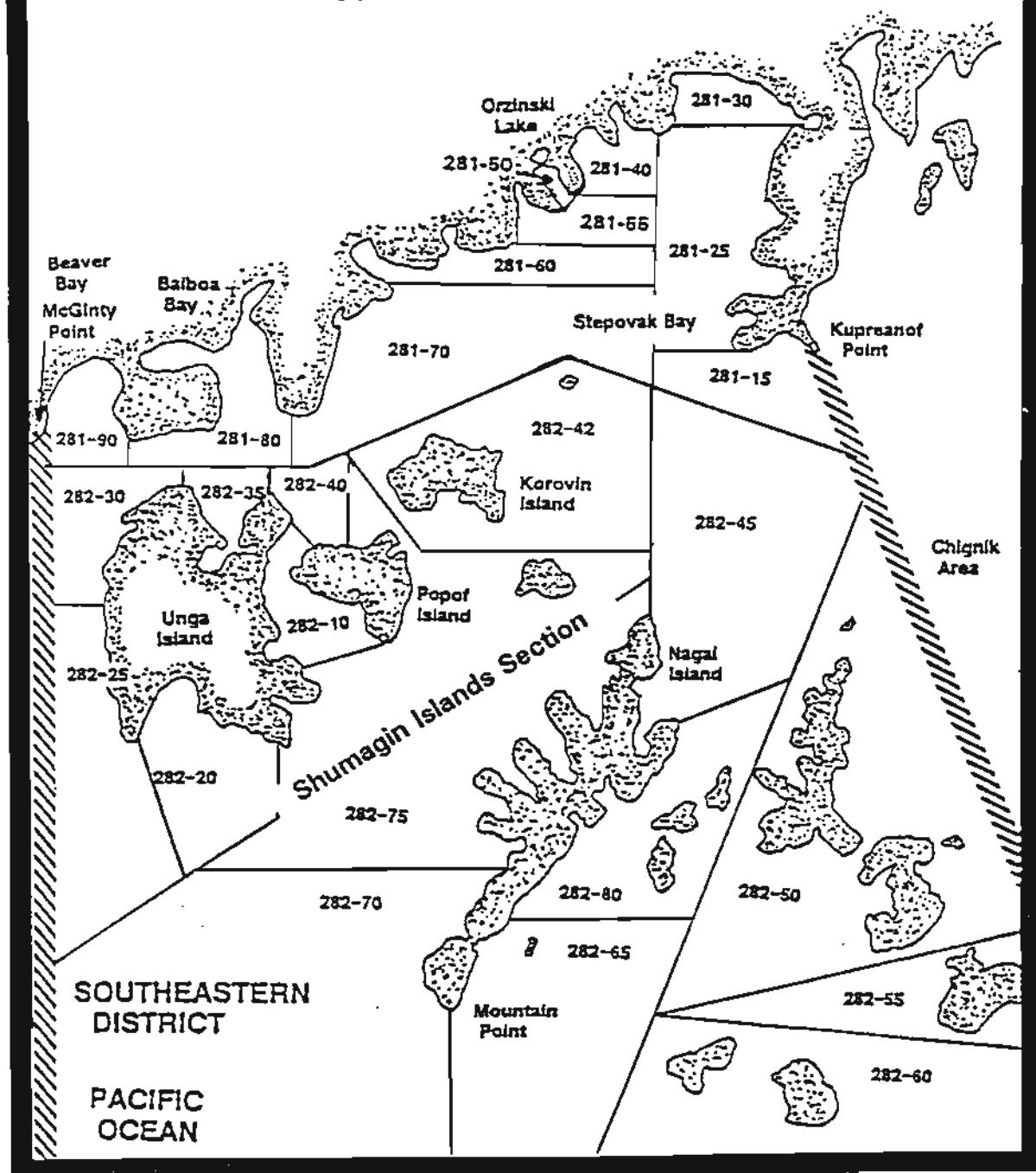


Figure 4. Map of the Southeastern District identifying Shumagin Islands Section.

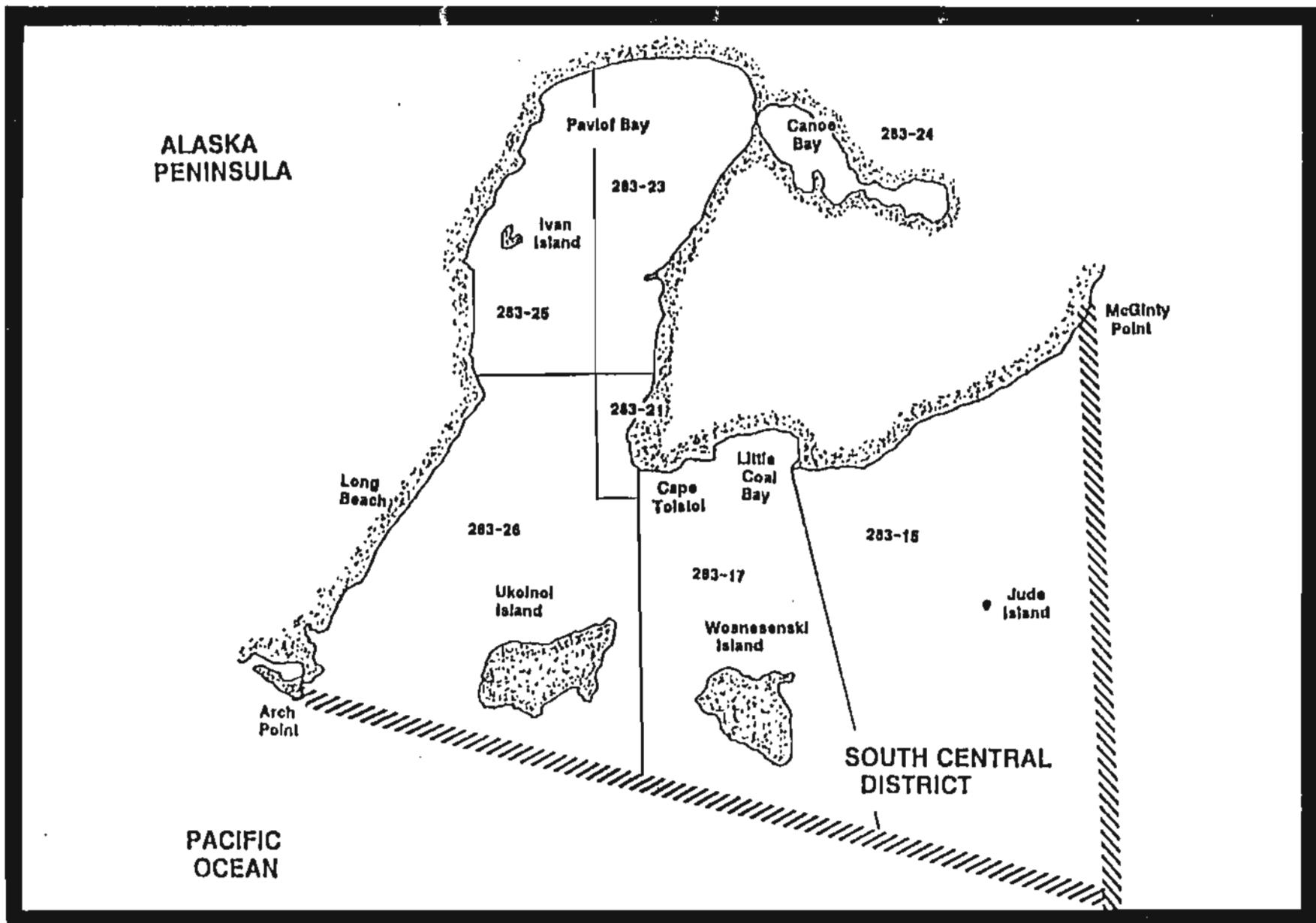


Figure 5. Map of the Alaska Peninsula Area from McGinty Point to Arch Point (South Central District) with the statistical salmon fishing areas defined.

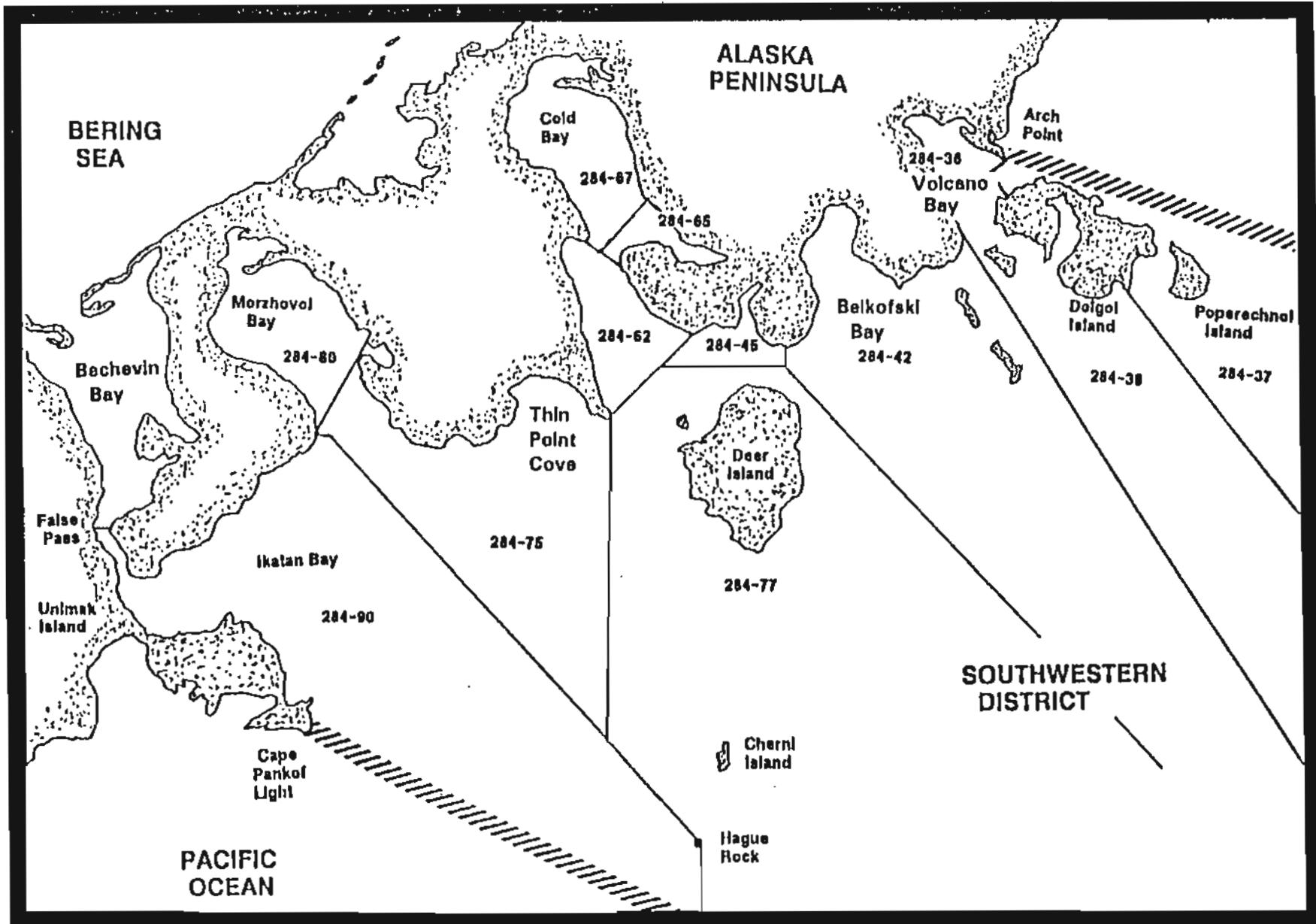


Figure 6. Map of the Alaska Peninsula Management Area from Arch Point to Cape Pankof Light (Southwestern District) with the statistical salmon fishing areas defined.

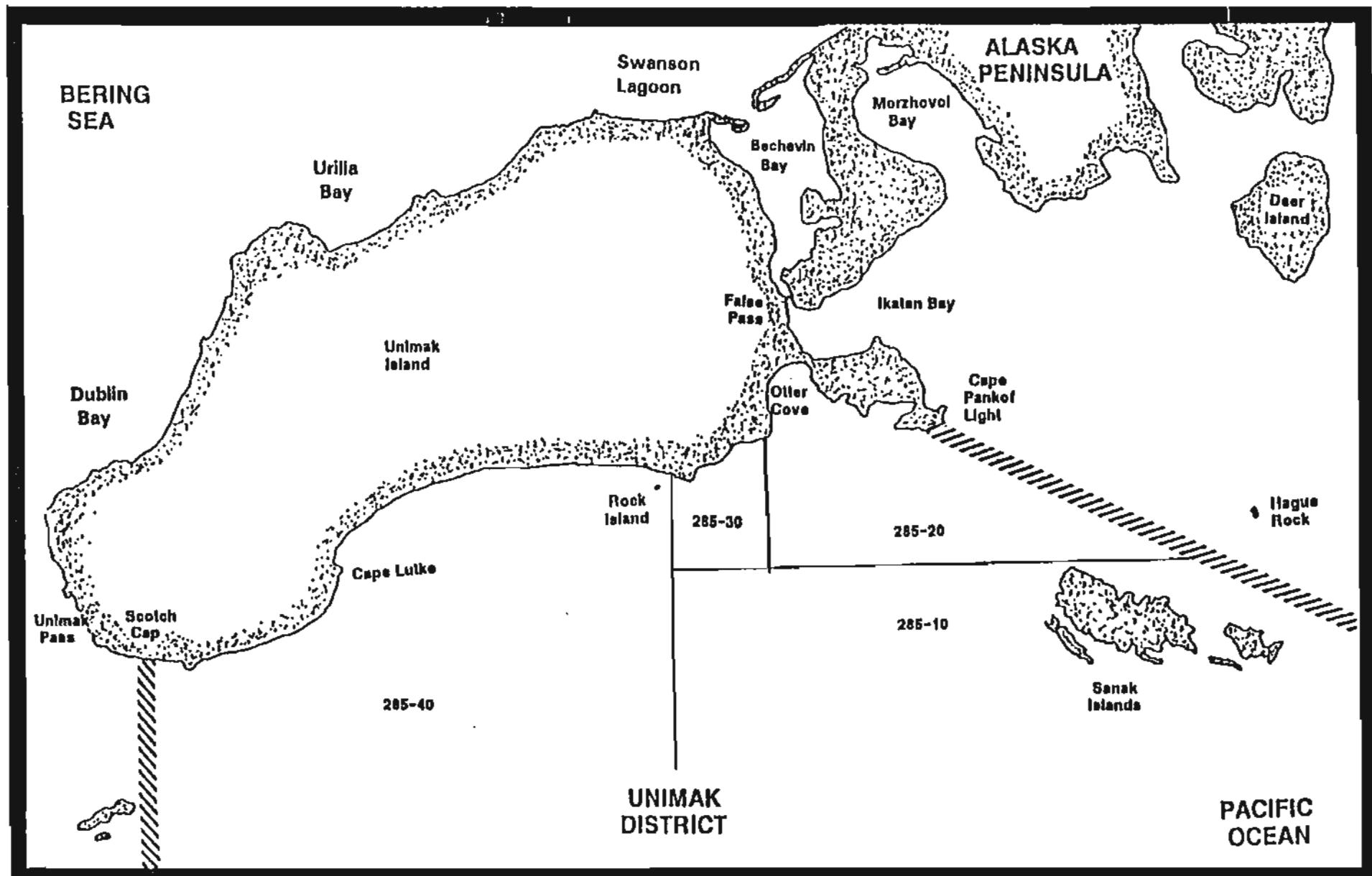


Figure 7. Map of the Alaska Peninsula Management Area from Cape Pankof Light to Scotch Cap (Unimak District) with the statistical salmon fishing areas defined.

## **APPENDIX**

Appendix A.1. Sockeye salmon and smolt escapement sampling summary, Alaska Peninsula, 1996.

Area	Period	Sampling Week	Total	Smolt Total
Bear River	24	June 07 - 13		200
	25	June 14 - 20	240	200
	26	June 21 - 27	240	
	27	June 28 - July 4	240	40
	28	July 05 - 11	240	200
	29	July 12 - 18	240	23
	30	July 19 - 25	240	
	31	July 26 - August 1	240	
	32	August 02 - 08	240	
	33	August 09 - 15	240	
	34	August 16 - 22	<u>480</u>	
		<b>Season Total</b>	<b>2,640</b>	<b>663</b>
Ilnik River	24	June 07 - 13	120	
	25	June 14 - 20	240	
		(75 samples from commerical catch)		
	26	June 21 - 27	242	
	27	June 28 - July 4	240	
	28	July 05 - 11	<u>240</u>	
		<b>Season Total</b>	<b>1,082</b>	
Nelson River	25	June 14 - 20	240	
	26	June 21 - 27	240	
	27	June 28 - July 4	240	
	28	July 05 - 11	240	
	29	July 12 - 18	240	
	30	July 19 - 25	<u>240</u>	
		<b>Season Total</b>	<b>1,440</b>	
Sandy River	25	June 14 - 20	240	30
	26	June 21 - 27	240	
	27	June 28 - July 4	240	
	28	July 05 - 11	240	97
	29	July 12 - 18	240	105
	30	July 19 - 25	<u>33</u>	
		<b>Season Total</b>	<b>1,233</b>	<b>232</b>
Orzinski River	27	June 28 - July 4	240	
	28	July 05 - 11	240	
	29	July 12 - 18	240	
	30	July 19 - 25	<u>240</u>	
		<b>Season Total</b>	<b>960</b>	
Middle Lagoon	32	August 02 - 08	240	
	33	August 09 - 15	240	
	34	August 16 - 22	<u>240</u>	
		<b>Season Total</b>	<b>720</b>	

ESCAPEMENT - SOCKEYE - ADULT SEASON TOTAL - 8,075 Samples
SMOLT SEASON TOTAL - 895 Samples

Appendix A.2. Sockeye salmon catch sampling summary, King Cove, 1996.

<u>Area</u>	<u>Period</u>	<u>Sampling Week</u>	<u>Total</u>
Belkofski Bay	30	July 19 - 25	108
	32	August 02 - 08	<u>120</u>
		<b>Season Total</b>	<b>228</b>
Cape Ikatan -	25	June 14 - 20	1,979
Lazaeref	26	June 21 - 27	1,752
	31	July 26 - August 1	<u>33</u>
		<b>Season Total</b>	<b>3,764</b>
Cape Lutke (Test Boat)	25	June 14 - 20	<b>54</b>
Cape Lutke	25	June 14 - 20	1,187
	26	June 21 - 27	265
	27	June 28 - July 04	<u>465</u>
		<b>Season Total</b>	<b>1,917</b>
Cape Tolstoi	30	July 19 - 25	148
	31	July 26 - August 1	412
	32	August 02 - 08	<u>397</u>
		<b>Season Total</b>	<b>957</b>
Izembek-Moffet Bay	32	August 02 - 08	<b>464</b>
Pavolf Bay	30	July 19 - 25	<b>347</b>
Shumagin Islands	25	June 14 - 20	600
	26	June 21 - 27	1090
	27	June 28 - July 04	1000
	30	July 19 - 25	619
	32	August 02 - 08	<u>600</u>
		<b>Season Total</b>	<b>3,909</b>
SE Mainland	32	August 02 - 08	<b>320</b>
Urilia Bay	26	June 21 - 27	<b>451</b>
Volcano Bay	30	July 19 - 25	124
	31	July 26 - August 1	178
	32	August 02 - 08	<u>600</u>
		<b>Season Total</b>	<b>902</b>
<b>KING COVE - SOCKEYE - SEASON TOTAL 13,313</b>			

Appendix A.3. Chum salmon catch sampling summary, King Cove, 1996.

Area	Period	Sampling Week	Total
Belkoski Bay	31	July 26 - August 1	440
	32	August 02 - 08	<u>440</u>
		<b>Season Total</b>	<b>880</b>
Canoe Bay	30	July 19 - 25	<b>440</b>
Cape Ikatan - Lazaeref	25	June 14 - 20	1,488
	26	June 21 - 27	1,730
	27	June 28 - July 4	516
	30	July 19 ~ 25	394
	31	July 26 - August 1	440
	32	August 02 - 08	<u>124</u>
		<b>Season Total</b>	<b>4,692</b>
Cape Lutke	25	June 14 - 20	925
	27	June 28 - July 4	<u>200</u>
		<b>Season Total</b>	<b>1,125</b>
Cold Bay	31	July 26 - August 1	440
	32	August 02 - 08	<u>295</u>
		<b>Season Total</b>	<b>735</b>
Pavolf Bay	30	July 19 - 25	<b>440</b>
Shumagin Is.	25	June 14 - 20	440
	26	June 21 - 27	440
	27	June 28 - July 4	739
	30	July 19 - 25	440
	31	July 26 - August 1	440
	32	August 02 - 08	<u>440</u>
		<b>Season Total</b>	<b>2,939</b>

KING COVE - CHUM - SEASON TOTAL - 11,251
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Appendix A.4. Coho salmon catch sampling summary, King Cove, 1996.

<u>Area</u>	<u>Period</u>	<u>Sampling Week</u>	<u>Total</u>
Shumagin Is.	32	August 02 - 08	300
<b>KING COVE - COHO - SEASON TOTAL - 300</b>			

Appendix A.5. Chinook salmon catch sampling summary, Port Moller, 1996.

Area	Sampling Week	Sampling Dates	Period	Total
Harbor-Seniavin	June 02 - 08	June 3, 4, 5	23	155
	June 9 - 15	June 10, 12	24	245
	June 16 - 22	June 19	25	168
		<b>Season Total</b>		<b>568</b>
Nelson Lagoon	June 9 - 15	June 13	24	102
	June 16 - 22	June 18, 20	25	308
	June 23 - 29	June 27, 28	26, 27	178
		<b>Season Total</b>		<b>588</b>

**POR T MOLLER - CHINOOK - SEASON TOTAL 1,156**

Appendix A.6. Sockeye salmon catch sampling summary, Port Moller, 1996.

Area	Sampling Week	Sampling Dates	Period	Total
Harbor-Seniavin	June 09 - 15	June 10, 12	24	600
	June 16 - 22	June 18, 19	25	<u>635</u>
			<b>Season Total</b>	<b>1,235</b>
Harbor - Strogonoft Pt.	June 30 - July 6	July 4, 5	27, 28	1200
	July 7 - 13	July 8, 9, 10	28	1200
	July 14 - 20	July 15-18	29	1200
	July 21 - 27	July 24-26	30, 31	1200
	July 28 - August 3	July 29-31	31	1200
	August 04 - 10	August 6	32	1200
	August 11 - 17	August 15, 16	33, 34	1200
	August 18 - 24	August 19-21	34	1200
	August 25 - 31	August 27, 28	35	1200
	September 1 - 7	September 2	36	<u>400</u>
			<b>Season Total</b>	<b>11,200</b>
Nelson Lagoon	June 09 - 15	June 12, 13	24	526
	June 16 - 22	June 18, 19	25	611
	June 23 - 29	June 25	26	600
	June 30 - July 6	July 2	27	600
	July 7 - 13	July 9	28	600
	July 14 - 20	July 15, 16	29	600
	July 21 - 27	July 23, 24	30	600
	July 28 - August 3	July 30, 31	31	600
	August 04 - 10	August 6, 7	32	<u>622</u>
			<b>Season Total</b>	<b>5,359</b>

PORT MOLLER - SOCKEYE - SEASON TOTAL 17,794
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Appendix A.7. Chum salmon catch sampling summary, Port Moller, 1996.

<u>Area</u>	<u>Sampling Week</u>	<u>Sampling Dates</u>	<u>Period</u>	<u>Total</u>
Harbor - Strogonoft Pt.	July 7 - 13	July 8, 9, 10	<b>28</b>	895
	July 14 - 20	July 15, 18	<b>29</b>	895
	July 21 - 27	July 24, 26	<b>30, 31</b>	913
	July 28 - August 3	July 29-31	<b>31</b>	893
	August 11 - 17	August 16	<b>34</b>	<u>63</u>
<b>Season Total</b>				<b>3,659</b>
Nelson Lagoon	July 14 - 20	July 16, 17	<b>29</b>	532
	July 21 - 27	July 23, 25, 26	<b>30, 31</b>	440
	July 28 - August 3	July 30, 31	<b>31</b>	<u>475</u>
<b>Season Total</b>				<b>1,447</b>

<b>POR T MOLLER - CHUM - SEASON TOTAL 5,106</b>
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Appendix A.8. Coho salmon catch sampling summary, Port Moller, 1996.

<u>Area</u>	<u>Sampling Week</u>	<u>Sampling Dates</u>	<u>Period</u>	<u>Total</u>
Harbor - Strogenof Pt.	August 11 - 17	August 16, 17	34	610
	August 18 - 24	August 19, 20	34	603
	August 25 - 31	August 26, 28	35	370
<b>Season Total</b>				<b>1,583</b>
Nelson Lagoon	August 11 - 17	August 14, 15	33	320
	August 18 - 24	August 20, 21	34	310
	August 25 - 31	August 27	35	310
	September 1 - 7	September 3	36	240
<b>Season Total</b>				<b>1,180</b>

<b>POR T MOLLER - COHO - SEASON TOTAL 2,763</b>
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Appendix A.9. Escapement and catch sample summary, Alaska Peninsula, 1996.

Area	Chinook	Sockeye	Chum	Coho	Smolt
Bear		2,640			663
Ilnik		1,082			
Nelson		1,440			
Sandy		1,233			232
Orzinski		960			
Middle Lagoon		720			
King Cove		13,313	11,251	300	
Port Moller	1,156	17,794	5,106	2,763	
<b>Season Total:</b>	<b>1,156</b>	<b>39,182</b>	<b>16,357</b>	<b>3,063</b>	<b>895</b>
<b>Total scales collected = 71,259*</b>					

<sup>a</sup> Three scales per chinook, 1 scale per sockeye and chum, 4 scales per coho, and does not include multiple smolt scales)

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